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THE CHIMPANZEE

A TOPICAL BIBLIOGRAPHY
SECOND EDITION

EDITED BY E. H. ROHLES

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Cover: Ham, the first of two chimpanzees to participate in space flight. (Official United States Air Force Photograph--used with permission)

UNCLASSIFIED

Security Classification

DOCUMENT CONTROL DATA - R & D

(Security classification of title, body of abstract and indexing annotation must be entered when the overall report is classified)

1. ORIGINATING ACTIVITY (Corporate author) Kansas State University Institute for Environmental Research Manhattan, Kansas	2a. REPORT SECURITY CLASSIFICATION UNCLASSIFIED
	2b. GROUP

3. REPORT TITLE

THE CHIMPANZEE, A TOPICAL BIBLIOGRAPHY, SECOND EDITION

4. DESCRIPTIVE NOTES (Type of report and inclusive dates)

Scientific Interim

5. AUTHOR(S) (First name, middle initial, last name)

F. H. Rohles

6. REPORT DATE July 1972	7a. TOTAL NO. OF PAGES 468	7b. NO. OF REFS 4,248
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8a. CONTRACT OR GRANT NO. F44620-68-C-0020

b. PROJECT NO. 7921-08

c. 61102F

d. 681313

9a. ORIGINATOR'S REPORT NUMBER(S)

9b. OTHER REPORT NO(S) (Any other numbers that may be assigned
this report)

AFOSR - TR - 72 - 1660

10. DISTRIBUTION STATEMENT

Approved for public release; distribution unlimited.

11. SUPPLEMENTARY NOTES TECH, OTHER	12. SPONSORING MILITARY ACTIVITY Air Force Office of Scientific Research 1400 Wilson Boulevard (NL) Arlington, Virginia 22209
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13. ABSTRACT

This report is the second edition of The Chimpanzee, a Topical Bibliography. It lists 4,248 references. The references are categorized as Anatomy, Physiology and Pharmacology, and Psychobiology.

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14. KEY WORDS	LINK A		LINK B		LINK C	
	ROLE	WT	ROLE	WT	ROLE	WT
Chimpanzee Bibliography Anatomy Physiology Pharmacology Psychobiology						

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UNCLASSIFIED

Security Classification

THE CHIMPANZEE

A Topical Bibliography

Second Edition

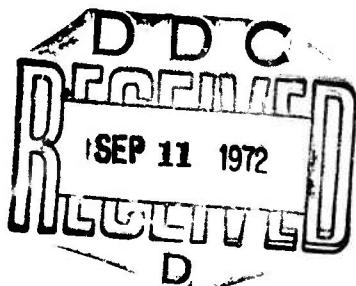
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Regional Primate Research Center
University of Washington
Seattle, Washington 98195**

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Preface to the Second Edition

In June, 1962, "The Chimpanzee, A Topical Bibliography" was published at Holloman Air Force Base, New Mexico, as Aeromedical Research Laboratory Technical Documentary Report 62-9. The first addenda was published a year later and added 158 references to the 2,365 in the original compilation and in 1967 a second addenda containing 477 new references was published.

The present compilation, representing the Second Edition, incorporates the references from the original bibliography and the two addenda and with 1,248 new references for a total of 4,248. Of these, 70 percent were listed in the First Edition and addenda and covered the 228-year period from 1739 (Rf. 504.1) to 1967; the remaining 30 percent were published in the 5-year period from 1967 to 1972 --- a major factor in the decision to issue a second edition.

As was the case in the earlier efforts, I am indebted to many people for their help. First, sincere appreciation is extended to Dr. Glenn Finch, USAF Office of Scientific Research who was the monitor of USAFOSR Contract F44620-68-C-~~0002~~ under which this edition was partially supported. Next, I wish to thank Maryeva W. Terry and the staff of the Primate Information Center, Regional Primate Research Center, the University of Washington, Seattle, Washington who supplied lists of articles dealing with chimpanzee research. For their help in various aspects of the compilation gratitude is also extended to Paula Atkins, Billy Chou, Drs. E. Stanley and Dorothy Lennard, Charles Ptacek, Susan Savage, and Sharon Vering.

But by far the accuracy of the entries, author index, and overall quality of the manuscript was due to the conscientious, diligent, and persistent efforts of Donna Bayes, Linda Hubbard, Anita Johnson, and Pam Willyard; their help, understanding, and workmanship was outstanding and unmatched.

Manhattan, Kansas
July, 1972

Frederick H. Rohles

Suggestions for Users

Examination of the Table of Contents will reveal that the references are listed according to various topics within the five broad categories of anatomy, physiology, pathology and experimental medicine, psychobiology, and miscellaneous. Within each section the references are listed chronologically with the articles for a given year being arranged alphabetically by journal. Listing the references in this manner should permit easy identification of the most recent publications in the area and will also facilitate subsequent publications of the bibliography itself.

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- 101.2 Waldeyer, W. Bemerkungen ueber den Bau der Menschen und Affen-Placenta. (Observations on the structure of the human and ape placenta.) Arch. Mikr. Anat., 1890, 35, 1-51.
- 101.3 Selenka, E. Affen Ostindiens. (Monkeys of the East Indies.) Stud. Entw. Gesch. Tierre, 1891-92, 1, 195-208.
- 101.4 Keibel, F. Zur Embryologie des Menschen, der Affen und der Halbaffen. (Embryology of the humans, monkeys, and lower primates.) Anat. Anz., 1905, Erg. H., 27, 39-50.
- 101.5 Keibel, F. Die aeussere Korpenform und der Entwicklungsgrad der Organe bei Affenembryonen. (The external body form and the degree of development of organs in ape embryos.) Stud. Entw. bensch. Tiere, 1906, 4, 553-617.
- 101.6 Retzius, G. Die Spermien der Affen. (The spermatozoa of monkeys.) Biol. Untersuch., 1909, 14, 201-204.
- 101.7 Retzius, G. Ueber die Form der Spermien bei den Anthropoiden Affen. (The form of spermatozoa in anthropoid apes.) Biol. Untersuch., 1910, 15, 83-85.
- 101.8 Schultz, A. H. Embryological evidence of the evolution of man. J. Wash. Acad. Sci., 1925, 15, 247-263.
- 101.9 Schultz, A. H. Fetal growth of man and other primates. Quart. Rev. Biol., 1926, 1, 465-521.
- 101.10 Coupin, F. L'indices de valeur cerebrale au cours de l'enfance chez les anthropoides. (The indications of cerebral value during the infancy of anthropoids.) C. R. Acad. sci., 1927, 184, 396-398.
- 101.11 Schultz, A. H. Studies on the growth of gorilla and of other higher primates, with special reference to a fetus of gorilla preserved in the Carnegie Museum. Mem. Carneg. Mus., 1927, 11, 1-86.
- 101.12 Bolk, L. Vergleichende Untersuchungen an einem Fetus eines Gorillas und eines Schimpansen. (Comparative research on a fetus of a gorilla and a chimpanzee.) Zeitschr. Ges. Anat., Abt. 1, Zeitschr. Anat. u. Entwicklungsgesch, 1927, 81, 1-89.
- 101.13 Schultz, A. H. Chimpanzee fetuses. Amer. J. Phys. Anthrop., 1933, 18, 61-79.

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- 101.14 Elder, J. H., Hartman, C. G., & Heuser, C. H. A ten and one-half day chimpanzee embryo. J. Amer. med. Ass., 1938, 111, 1156-1159.
- 101.15 Brandt, W. The prenatal development of hair tracts in primates. Human Biol., 1940, 12, 203-231
- 101.16 Yeager, C. H., Painter, T. S., & Yerkes, R. M. The chromosomes of the chimpanzee. Science, 1940, 91, 74-75.
- 101.17 Westenhofer, M. Über die Organe eines Schimpansenfetus im Vergleich mit den entsprechenden des Menschen. (About the organs of a chimpanzee fetus in comparison with those in humans.) Z. Saugetierk., 1941, 16, 245-255.
- 101.18 Stieve, H. Der Bau der Primatenplacenta. (The structure of the primate placenta.) Anat. Anz., 1948, 96, 299-330.
- 101.19 Schultz, A. H. The palatine ridges of primates. Contributions to embryology. Carnegie Inst. Wash. Publ., 1949, 33, 43-66.
- 101.20 Friant, M. Morphologie et développement du cerveau des mammifères eutheriens et de l'homme. II. Serie des Primates. (Morphology and development of the brain of the true placental mammals and of man.) Ann. Soc. Roy. zool. Belg., 1956, 87, 91-150.
- 101.21 Young, W. J., Merz, T., Ferguson-Smith, M. A., & Johnston, A. W. Chromosome numbers of the chimpanzee, Pan troglodytes. Science, 1960, 131, 1672-1673.
- 101.22 Chuh, E. H. Y., & Bender, M. A. Chromosome cytology and evolution in primates. Science, 1961, 133, 1399-1405.
- 101.23 Deniker, J. Recherches anatomiques et embryologiques sur les singes anthropoides. (Anatomical research and embryological research on anthropoid apes.) Arch. Zool. experim. et gen., 3, 1-265.
- 101.24 Hamerton, J. L., Klinger, H. P., Mutton, D. E. & Lang, E. M. The somatic chromosomes of the Hominoidea. Cytogenetics, 1963, 2, 240-263.
- 101.25 Klinger, H. P. Chromosomes in primate evolution. Image Roche, 1963, 3, 9-15.
- 101.26 Klinger, H. P., Hamerton, J. L., Mutton, D. & Lang, E. M. The chromosomes of the Hominoidea. Viking Fd. Publ. Anthropol., 1963, 37, 235-242.
- 101.27 Nirenberg, M. W. The genetic code II. Scientific American, 1963, 208, 80-94.
- 101.28 Hamerton, J. L. Primate chromosomes. Symp. zool. Soc. Lond., 1963, 10, 211-219.

- 101.29 Benjamin, D. R. Studies on the chromosomes of African mammals. I--Mitotic and meiotic chromosomes of the baldheaded chimpanzee. S. Afr. J. Sci., 1965, 61, 325-330.
- 101.30 Borgaonkar, D. S. A list of chromosome numbers in primates. J. Hered., 1966, 57, 60-64. Abstract: Biol. Abstr., 1967, 48, #41672.
- 101.31 Hsu, T. C. & Benirschke, D. Order: PRIMATES. Folios 46-49 in An atlas of mammalian chromosomes, vol. I. New York, Springer-Verlag, 1967.
- 101.32 Martin, M. A. & Hoyer, B. H. Adenine plus thymine and guanine plus cytosine enriched fractions of animal DNA's as indicators of polynucleotide homologies. J. molec. Biol., 1967, 27, 113-129. Abstract: Biol. Abstr., 1967, 48, #115438.
- 101.33 Haberlandt, W. F. Chromosomenforschung, bei Mensch und Primaten. (Research in Chromosomes in Man and Primates.) Arzneimittel-Forsch., 1966, 20, 573-578. Abstract: Excerpta med. (Amst.), 1967, 21 (sect. 1), #3375.
- 101.34 Chiarelli, B. La morfologia del cromosoma "Y" delle differenti specie di primati. (Morphology of the "Y" Chromosome in different species of Primates.) Riv. Antrop., 1967, 54, 137-140.
- 101.35 Moore, K. L. Sex chromatin patterns in various animals. Chapter 2 in The sex chromatin. Philadelphia, W. B. Saunders Company, 1966.
- 101.36 Ludwig, K. S. Zur vergleichenden Histologie des Allantochorion. (Comparative Histology of the Allantochorion.) Rev. suisse Zool., 1968, 75, 819-831, 4 pls.
- 101.37 Britten, R. J. & Kohne, D. E. Repeated sequences in DNA. Science, 1968, 161, 529-540.
- 101.38 Spatz, W. B. Nebelschnur-Längen bei Insektivoren und Primaten- (Navel Cord Length in Insectivores and Primates.) Z. Saugetierk, 1968, 33, 226-239.
- 101.39 Egozcue, J. Primates. Pp. 357-389 in Comparative mammalian cytogenetics, K. Benirschke, (Ed.) New York: Springer-Verlag New York Inc., 1969.
- 101.40 Low, R. J. & Benirschke, K. The replicating patterns of the chromosomes of Pan troglodytes. Pp. 95-102 in Proceedings of the second international congress of primatology, vol. 2, H. O. Hofer, (Ed.) Basel: S. Karger, 1969.
- 101.41 McClure, H. M., Belden, K. H., Pieper, W. A. & Jacobson, C. B. Autosomal trisomy in a chimpanzee: Resemblance to Down's syndrome. Science, 1969, 165, 1010-1012.

101.42 Chiarelli, B. CHROMOSOMES: The chromosomes of the chimpanzee. In The chimpanzee. Vol. 2. Physiology, behavior, serology, and diseases of chimpanzees. G. H. Bourne (Ed.) Published in simultaneous European (Basel: Karger, 1970) and American (Baltimore: University Park Press, 1970) editions.

101.43 Kohne, D. E. Evolution of higher-organism DNA. Quart. Rev. Biophys., 1970, 3, 327-375.

101.44 Baur, R. Über die Relation zwischen Zottenoberfläche der Geburtsplacenta und Gewicht des Neugeborenen bei verschiedenen Säugetieren. (Concerning the relation between the hairy upper surface of the placenta at birth and weight of the newborn of different mammals.) Z. Anat. Entwickl-Gesch., 1970, 131, 31-38.

101.45 Kim C. K. & Benirschke, K. Autoradiographic study of the "X cells" in the human placenta. Amer. J. Obstet. Gynec., 1971, 109, 96-102.

101.46 Ludwig, K. S. & Baur, R. The chimpanzee placenta. Pp. 349-372 in The chimpanzee: Behavior, growth and pathology of chimpanzees, vol. 4, G. H. Bourne, (Ed.) Baltimore, Maryland, University Park Press, 1971.

101.47 Borgaonkar, D. S., Sadasivan, G. & Ninan, T. A. Pan paniscus Y chromosome does not fluoresce. J. Hered., 1971, 62, 245-247.

101.48 Pearson, P. L., Bobrow, M., Vosa, C. G. & Barlow, P. W. Quinacrine fluorescence in mammalian chromosomes. Nature (Lond.), 1971, 231, 326-329.

101.49 McClure, H. M., Belden, K. H., Pieper, W. A., Jacobson, C. B. & Picciano, D. Cytogenetic studies and observations in the Yerkes great ape colony. Pp. 281-296 in Medical primatology 1970, E. I. Goldsmith & J. Moor-Jankowski, (Eds.) Basel: S. Karger, 1971

102.00 General Morphology

- 102.1 Traill, Dr. The anatomy of a chimpanzee. Mem. Wernerian nat.
Hist. Soc., 1817, 3, 1-49.
- 102.2 Owen, R. On the morbid appearance observed in the dissection of a chimpanzee, (*Simia Troglodytes*). Proc. zool. Soc. Lond., 1836, 41.
- 102.3 Savage, T.S., & Wyman, J. Observations on the external characters and habits of the *Troglodytes niger* (Geoff) and on its organization. Bos. J. Nat. Hist., 1843, 4, 362-376, 377-386.
- 102.4 Owen, R. Notes on the dissection of a female chimpanzee. (*Troglodytes niger*). Proc. zool. Soc. London, 1846, 23.
- 102.5 Savage, T.S. Notice of the external character and habits of a new species of *Troglodytes* (*T. gorilla, savage*) recently discovered by Dr. Savage near the river Gaboon, Africa. Proc. Boston Soc. nat. Hist., 1847, 2, 245-147.
- 102.6 Leukart, R. *Vesicula prostatica*. In: R.B. Todd (Ed.), The cyclopedia of anatomy and physiology. London: Longman, Brown, etc., 1849-52.
- 102.7 Duvernoy, G.L. Memoire sur les caracteres anatomiques que presentent les squelettes du *Troglodytes tschego*. Duv., et du *Gorilla gina*, Isid. Geoffr.: nouvelles especies de grands singes pseudo-anthropomorphes de la cote occidentale d'Afrique. (Writings on the anatomical characteristics which present the skeleton of *Troglodytes tschego*. Div. and of *Gorilla gina*, Isid. Geoffr.: New species of pseudoanthropomorphic apes of the West Coast of Africa.) C. R. Acad. Sci., Paris, 1853, 36, 925-933.
- 102.8 Barnston, J. Description of and remarks upon a chimpanzee which died lately while exhibiting in Montreal. Med. Chron., 1854-55, 2, 253-260.
- 102.9 Duvernoy, G.L. Des Caracteres anatomiques des grands Singes. (Some anatomical characters of large apes.) Arch. Mus. Hist. Nat., Paris, 1855-56, 1-248.
- 102.10 Mayer, C. Zur Anatomie des Orang-Utan und des Chimpansen. (Anatomy of the orang-utan and of the chimpanzee.) Arch. Naturgesch., 1856, 22, 281-304.
- 102.11 Barkow, H.C.L. Komparative Morphologie des Menschen und der menschenahnlichen Thiere. (Comparative morphology of humans and the anthropoid.) Erster Theil (Part I) Greifswald: Ludwig Bamberg, 1875, 1, 92 pp. Zweiter Theil, Erklärung der Abbildung. (Part II, Explanation of the illustration.) Breslau: Ferdinand Hirt, 1862, 142 pp.

- 102.12 Embelton, D. The anatomy of a young chimpanzee. Anthrop. Rev., 1863, 1, 394-400.
- 102.13 Huxley, T.H. The structure and classification of the mammalia. Med. Times Gaz., 1864, 1, 153, intermittent to 672, 2, 40, intermittent to 146.
- 102.14 Gratiolet, L.P., & Aliz, P.H.E. Recherches sur l'anatomie du Troglodytes aubryi, chimpanzee d'une espece nouvelle. (Findings on the anatomy of Troglodytes aubryi, chimpanzee of a new species.) Nouv. Arch. Mus. Hist. Nat., Paris, 1866, 2, 1.
- 102.15 Humphry, G.M. On some points in the anatomy of the chimpanzee. J. Anat., 1867, 1, 254-268.
- 102.16 Magidot, E. L'homme et les singes anthropomorphes. (Man and the anthropoid apes.) Bull. Soc. Anthrop. Paris, 1869, 4, 113-145.
- 102.17 Gervais, P. Chimpanze (Troglodytes). Article in: Dictionnaire encyclopedique des sciences medicales. (Chimpanzee Troglodytes. Encyclopedia dictionary of the medical sciences.) Paris, 1874, 16, Chi-Cho, 116-126.
- 102.18 Meyer, A.B. Ueber die anthropoiden Affen des Koenigl. Zoologischen Museums. (The anthropoid apes of the Kings Zoological Museum.) Iber. Ges. Naturk., Dresden, 1876, 144-152.
- 102.19 Chapman, H.C. On the structure of the chimpanzee. Proc. Acad. nat. Sci. Philad., 1879, 52-63.
- 102.20 Ehlers, E. Beitraege zur Kenntnis des Gorilla und Chimpansen. (Contributions to the knowledge of the gorilla and chimpanzee.) Abh. d. K. Gesell. d. Wissensch. zu. Gottingen, phys. Cl., 1881, 28, 3-77.
- 102.21 Meyer, A.B. Brief ueber die Artgleichheit des Chimpansen. (Letter concerning the species identity of the chimpanzee.) Zool. Gart., 1881, 22, 345-347.
- 102.22 Sutton, J.B. On some points in the anatomy of the chimpanzee (Anthropopithecus). J. Anat., 1883, 18, 68-85.
- 102.23 Lebourg, H. Recherches sur la morphologie du corps chez les mammiferes. (Findings on the morphology of the body in mammals.) Arch. Biol., Paris, 1884, 5, 35-102.
- 102.24 Beddard, F.E. Abstract of memoir entitled "Contributions to the anatomy of anthropoid apes." Proc. zool. Soc. London, 1892, 118.
- 102.25 Fick, R. Beobachtungen an einem zweiten erwachsenen Orang-Utang und einem Schimpanzen. (Observations on a second adult orangutang and a chimpanzee.) Arch. Anat. Physiol., 1895, 289-318.

- 102.26 Keith A. An introduction to the study of anthropoid ape. II. The Chimpanzee. Nat. Sci., 1896, 9, 250-265.
- 102.27 Spervio, G. Anatomia del cimpanze (Anthropopithecus troglodytes, Trouessart) in rapporto con quella degli altri anthropoidi e dell'uomo. (Anatomy of the chimpanzee, (Anthropopithecus troglodytes, Trouessart) in comparison with other anthropoids and man.) Torino, Unione Tipografico, 1897, 487 pp.
- 102.28 Keith, A. On the chimpanzees and their relationship to the gorilla. Proc. zool. Soc. Lond., 1899, 296-312.
- 102.29 Fere, C. Notes sur les mains et les empreintes digitales de quelques singes. (Notes on the hands and fingerprints of some monkeys.) J. Anat., Paris, 1900, 36, 255-267.
- 102.30 van Trotsenburg, J. A. Die topographische Beziehung der Traenendruese zur lateralnen Orbitalwand, als Differenzmerkmal zwischen Ost und Westaffen. (The topographic relations of the lacrimal gland to the lateral orbital wall, as a differential characteristic between New and Old World monkeys.) Ned. Bijdr. Anat., 1901, 1, 208-227.
- 102.31 Smith G. E. Descriptive and illustrated catalogue of the physiological series of comparative anatomy contained in the Museum of the Royal College of Surgeons of England. London: Taylor & Francis, 1902, 2nd edition.
- 102.32 Keith, A. The extent to which the posterior segments of the body have been transmuted and suppressed in the evolution of man and allied primates. J. Anat. Physiol., 1903, 37, 18-40.
- 102.33 von Bardeleben, K. Ueber bilaterale Asymmetrie beim Menschen und bei hoheren Tieren. (On bilateral asymmetry in humans and in higher animals.) Anat. Anz., 1909, 34, 2-72.
- 102.34 Read, C. On the differentiation of man from the anthropoids. Man, 1914, 14, 181-186.
- 102.35 Sonntag, C. F. Anatomy, physiology and pathology of the chimpanzee. Proc. zool. Soc. London, 1923, 323-429.
- 102.36 Schultz, A. H. Growth studies on primates bearing upon man's evolution. Amer. J. phys. Anthropol., 1924, 7, 149-164.
- 102.37 Sonntag, C. F. The morphology and evolution of the apes and man. London, Bale., 1924.
- 102.38 Matiegka, J. Contribution a la connaissance de la morphologie des jeunes anthropoides. (Contribution to the understanding of the morphology of young anthropoids.) Anthropologie, 1926, 4, 38-69.

- 102.39 Huxley, J. S. The growth of the infant chimpanzee born in the Society's Gardens, and a comparison with that of a chimpanzee born in Florida. Proc. zool. Soc. Lond., 1926, 587-589.
- 102.40 Neuville, H. De certains caracteres de la forme humaine et de leurs causes. (Certain characteristics of the human form and their causes.) Anthropologie, Paris, 1927, 37, 305-328.
- 102.41 Tilney F. The Brain from ape to man. A contribution to the study of the evolution and development of the human brain. New York: Paul B. Hoeber, 1928.
- 102.42 Williams, J. L. New evidence of man's relationship to the anthropoid apes. J. dent. Res., 1928, 8, 289-321.
- 102.43 Bingham, H.C. Observations on growth and development of chimpanzees. Amer. J. phys. Anthropol., 1929, 13, 433-464.
- 102.44 Vallois, H. V. Les preuves anatomiques de l'origine monophyletique de l'homme. (The anatomical evidence of the monophyletic origin of man.) Anthropologie, Paris, 1929, 39, 77-101.
- 102.45 Waterman, H. C. Studies on the evolution of the pelvis of man and other primates. Bull. Amer. Mus. Nat. Hist., 1929, 58, 585-642.
- 102.46 Freudenberg, W. Zur Frage der Rechtshaendigkeit des Menschen und der Gliedmassen-asymmetrie der Primaten. (The question of right-handedness of humans and the limb-asymmetry of primates.) Z. Saugtierk., 1929, 4, 36-46.
- 102.47 Schreiber, H. Die Bauchorgane der Primaten. 2. Mitteilung zu: Bauchraum und Baucheingeweide der Primaten. (The abdominal organs of primates. 2. Information on: abdominal space and abdominal viscera of primates.) Gegenbaurs Jb., 1932, 69, 221-315.
- 102.48 Schultz, A. H. Die Koerperproportionen der erwachsenen catarrhinen Primaten, mit spezieller Beruecksichtigung der Menschenaffen. (The body proportions of grown Catarrhini primates, with special consideration of the anthropoid apes.) Anthrop. Anz., 1933, 10, 154-185.
- 102.49 Frechkop, S. Notes sur les mammiferes. XVII. A propos du chimpanze de la rive gauche du Congo. (Notes on mammals. XVIIth. About the chimpanzee of the left bank of the Congo.) Bull. Mus. Roy. Hist. Nat. Belgique, 1935, 11, 1-43.
- 102.50 Schultz, A. H. Characters common to higher primates and characters specific for man. Quart. Rev. Biol., 1936, 11, 259-283, 425-455.

- 102.51 Vanderplank, F. L. Growth and dentition of an infant chimpanzee at the Bristol zoo. Proc. zool. Soc. Lond., 1937, 107, 175.
- 102.52 Lumer, H. Relative growth of the limb bones in the anthropoid apes. Human Biol., 1939, 11, 379-392.
- 102.53 Steinbacher, G. Nachrichten aus zoologischen Gaerten. (News from Zoological Gardens.) Zool. Gart. Lpz., 1939, 11, 115-121.
- 102.54 Rode, P. Etude d'un chimpanze pygmie adolescent (*Pan satyrus paniscus Schwarz*). (A study of an adolescent pygmy chimpanzee.) Mammalia, 1941, 5, 50-68.
- 102.55 Schreiber, H. Der Menschenfuss. Seine Geschichte, sein Bau, und seine Leistung, sowie die Gefahren, die ihm drohen. (The human foot. Its history, its structure, and its performance, as well as the dangers which threaten it.) Natur. U. Volk., 1941, 71, 271-282.
- 102.56 Bourdelle, E. La morphologie generale et regionale des Mammiferes. (B. Regions du corps. C. Regions des membres. (The general and regional morphology of the mammals. B. Areas of the body. C. Areas of the members.) Mammalia, 1943, 7, 1-13, 41-55.
- 102.57 Urbaine, A., & Rode, P. Les singes anthropoides. (The anthropoid apes.) Paris: Presses Universitaires de France, 1946, 127 pp.
- 102.58 Miller, R. A. The inguinal canal of primates. Amer. J. Anat., 1947, 80, 117-142.
- 102.59 Schultz, A. H. Variability in man and other primates. Amer. J. Phys. Anthrop., 1947, 5, 1-14.
- 102.60 Schultz, A. H. Ontogenetic specializations of man. Arch. Klaus-Stift. VererbForsch., 1949, 24, 197-216.
- 102.61 Schultz, A. H. The specializations of man and his place among the catarrhine primates. Cold Spr. Harb. Symp. Quant. Biol., 1950, 15, 37-53.
- 102.62 Schultz, A. H. The physical distinctions of man. Proc. Amer. Phil. Soc., 1950, 94, 428-449.
- 102.63 van Bemmelen, J. F. Arm en been van mensch en anthropomorphen. (Arms and legs of men and anthropoids.) Proc. K. ned. Akad. Wet. Amsterdam, 1950, 53, 1021-1024.
- 102.64 Hill, W.C.O. Primates: Comparative anatomy and taxonomy. Univ. Press, 1953.
- 102.65 Ashton, E. H. Age changes in some bodily dimensions of apes. Proc. zool. Soc. Lond., 1954, 124, 587-594.

- 102.66 Ashton, E.H., Healy, M.J.R., & Lipton, S. The descriptive use of discriminant functions in physical anthropology. Proc. roy. Soc., 1957, B146, 552-572.
- 102.67 Marit, C. Problèmes anciens et nouvelles recherches en anatomie comparée des primates. (Old problems and new research on the comparative anatomy of primates.) Publ. Univ. Elisabethville, 1964, 7, 45-49.
- 102.68 Andy, O.J. & Stephan, H. Septal nuclei in the chimpanzee. Anat. Rec., 1965, 151. 319.
- 102.69 Kummer, B. Die Biomechanik der aufrechten Haltung. (The Biomechanics of Upright Posture). Mitt. Naturf. Fes. Bern. 1965, N. F. 22, 239-249. 4 pls.
- 102.70 Nathan, H. & Haas, N. On the presence of cibra orbitalia in apes and monkeys. Amer. J. Phys. Anthrop., 1966, 24, 351-359.
- 102.71 Tarczyk, Z., Krzemińska-Lawkowiczowa, I. & Ławkowicz, W. The karyotype of some mammals. Folia morph. (Warszawa), 1966, 25, 151-159.
- 102.72 Hofer, H. Beobachtungen an dem sogenannten "supracommissuralen organ" (Fuse) und am Recessus mesocoelicus der Primaten. (Observations on the so-called "Supracommissural organ: Fuse-and on the Recessus mesocoelicus of primates.) Folia Primat., 1967, 5, 190-200.
- 102.73 Bruton, R. S. Morphological evidence for adaptations within epaxial region of the primates. Pp. 201-216 in The Baboon in Medical Research, vol. 2, H. Vagtborg, ed. Austin, University of Texas Press, 1967.
- 102.74 Barnett, K. & Keeler, C.R. Fundus Photography. Vet. Rec., 1967, 80, 624-627.
- 102.75 Laird, A.K. Evolution of the human growth curve. Growth, 1967, 31, 345-355. Abstract: Biol. Abstr., 1968, 49, #59974.
- 102.76 Chiarelli B. From the karyotype of the apes to the human karyotype. S. Afr. J. Sci., 1968, 64, 72-80.
- 102.77 Wróblewski, R. & Dziekanowska, D. [Karyology of primates.] Przegl. Zool., 1968, 12(2), 127-140. Abstract: Biol. Abstr., 1969, 50, #129373.
- 102.78 Ruffié, J., Colombies, P., Ginoux-Mounie, C., Carles-Trochain, E. Étude cytogénétique de 4 espèces de primates. Comparisons avec le caryotype Humain. (A cytogenic study of four species of primates, comparisons with the human caryotype) Ann. Génét., 1970, 13, 3-10.

102.79 Fix, J. D. Phase contrast microscopy: Cytoarchitecture of central and autonomic nervous systems in stained thick sections. Trans. Amer. microscop. Soc., 1970, 89, 189-196.

103.00 Regional Anatomy
(extremities, thoracic, abdominal and pelvic cavities)

- 103.1 Knox, R. Inquiry into the present state of our knowledge respecting the orang-utang, and chimpanzee. Lancet, 1839-40, 2, 289-296.
- 103.2 Owen, R. Lecture on the comparison of the apes or anthropoid quadrupeds with man. Med. Times Gaz., 1854, 8, 509-514.
- 103.3 Owen, R. On the anthropoid apes and their relations to man. Nat. Proc. roy. Inst., 1855, 2, 26-41.
- 103.4 Embleton, D. Notes on certain parts of the anatomy of a young chimpanzee. Nat. Hist. Rev., 1864, 4, 250-258.
- 103.5 Hartmann, R. Beitrag zur zoologischen und zootomischen Kenntnis der sogenannten anthropomorphen Affen. (Contributions to the zoological and zootomical knowledge of the so-called anthropoid apes.) Archives Nat. Physiol., Leipzig, 1872, I & II, 474-502.
- 103.6 Rank, J. Ueber die aufrechte Koerperhaltung der menschenaehnlichen Affen und ueber die Abhaengigkeit der aufrechten Koerperhaltung des Menschen vom Gehirn. (The upright posture of the anthropoid apes and the dependency of the upright posture of humans on the brain.) Korresp. Bl. dtsch. Ges. Anthrop., 1894, 25, 154-157. Also: Mitt. Anthrop. Ges. Wien., Vienna, 1894, 9, 58-85.
- 103.7 Weber, A. L'orientation des ailes des apophyses pterygoïdes chez les primates. (The orientation of the wing of the pterygoïdes apophysis in primates.) C. R. Soc. Biol., 1905, 59, 225-227.
- 103.8 Fitzwilliams, D.C.L. Function and form with reference to the hand and foot in man and apes. Ann. Mag. Nat. Hist., 1907, 20, 155-161.
- 103.9 Roegholt, & Nicholass, M. De topographie van thorax en abdomen van chimpanze. (The topography of the thorax and abdomen in the chimpanzee.) Acad. proefschr. (Geneesh.) Leiden, E.J. Brill, 1917, 8, 173 pp.
- 103.10 Bolk, L. Ueber das kaudale Rumpfende eines Fetus vom Schimpansen. (The caudal end of a chimpanzee fetus.) Anat. Anz., 1917, 50, 354-358.
- 103.11 Kohler, W. IV. Nachweis einfacher Strukturfunktianen beim Schimpansen und beim Haushuhn. (Proof of simple structural functions for the chimpanzee and the domestic chicken.) Abh. Konig. preus. Akad. Wiss. phys. math. Klosse, 1918, 2, 3-101.
- 103.12 Hecker, P. Formation du peronier anterieur chez un chimpanze. (Formation of the anterior peronius in chimpanzees.) Arch. Anat., Strasbourg, 1922, 1, 145-155.

- 103.13 Grunwald, E. Considerations morphologiques sur le calcaneum. (Morphological considerations of the calcaneum.) Arch. Anat., Strasbourg, 1925, 4, 259-279.
- 103.14 Mihsberg, W.A. Die Morphogenie der Wirbeldornen der Saeuger, im besonderen des Menschen. (The morphogeny of vertebral spinal processes of mammals, particularly of humans.) Z. Anat. Entw. Gesch., 1926, 79, 112-175.
- 103.15 Riegele, L. Ueber die Innervation der Hals-und Brustorgane bei einigen Affen. (The innervation of the neck and thoracic organs in some monkeys.) Z. Anat. Entw. Gesch., 1926, 80, 777-858.
- 103.16 Waldeyer, A. Zur Individual und Rassenanatomie des menschlichen Kehlkopfes. (Individual and racial anatomy of the human larynx.) Z. Morph. Anthropol., 1926, 26, 68-126.
- 103.17 Gregory, W.K. The upright posture of man: a review of its origin and evolution. Proc. Amer. Phil. Soc., 1928, 67, 339-374.
- 103.18 Cwirko-Godycki, M. Influence des muscles masticateurs sur la morphologie crânienne. (Influence of the masticator muscle on the morphology of the skull.) Rev. anthrop., 1928, 38, 140-168.
- 103.19 Vallois, H.V. La croissance de la main chez le chimpanzé. (Growth of the hand in the chimpanzee.) Compt. Rend. Soc. Biol., 1932, 110, 915-917.
- 103.20 Winckler, G. La morphogenèse de la chair carree de Sylvius. (The morphogenesis of the Musculus quadratus plantae of Sylvius.) Arch. Anat., 1929, 9, 309-341.
- 103.21 von Krogh, C. Zur Morphologie der Primatenmilz. (The morphology of the primate spleen.) Anthrop. Anz., 1936, 13, 89-100.
- 103.22 Ashley, G.T. A comparison of human and anthropoid mesosterna. Amer. J. phys. Anthropol., 1956, 14, 449-465.
- 103.23 Lessertisseur, J. Le diaphragme dans ses rapports avec l'évolution thoracique chez les primates. (Note préliminaire) (The diaphragm in relation with the evolution of the thorax among the primates.) Bull. Mus. Hist. nat., 1959, 31, 322-329.
- 103.24 Edwards, W.E. The musculoskeletal anatomy of the thorax and brachium of an adult female chimpanzee. Aeromedical Research Laboratory Technical Report No. 65-3, Holloman AFB, New Mexico, 1965.
- 103.25 Tuttle, R.H. Quantitative and functional studies on the hands of the Anthropoidea. I. The Hominoidea. J. Morph., 1969, 128, 309-363.

104.00 Body Dimensions and Proportions

- 104.1 Anthony, R., & Rivet, P. Contribution a l'etude descriptive et morphogenique de la courbure femorale chez l'homme et les anthropoides. (Contribution to descriptive and morphogenic study of the femoral curvature of man and anthropoids.) Ann. Sci. nat. Zool., 1907, 6, 221-261.
- 104.2 Berry, R.J.A., & Robertson, A.W.D. The place in nature of the Tasmanian aboriginal as deduced from a study of his calvarium. Part I. His relations to the anthropoid apes. Proc. roy. Soc. Edinb., 1910, 31, 41-69.
- 104.3 Retterer, E., & Neuville, H. Des proportions de la main de quelques singes. (The hand proportions of several monkeys.) C. R. Soc. Biol., Paris, 1918, 81, 933-936.
- 104.4 Forster, A. Etude sur l'evolution du pied humain. La voute longitudinale. (Study on the evolution of human feet. The longitudinal arch.) Arch. Anat., Strasbourg, 1924, 3, 193-346.
- 104.5 Fick, R. Massverhaeltnisse an den oberen Gliedmassen des Menschen und den Gliedmassen der Menschenaffen. (Measurement porportions on the forelimbs of humans and the limbs of the anthropoid apes.) S. W. preuss. Akad. Wiss., 1926, 417-451.
- 104.6 Forster, A. Le calcaneum dans la serie des mammiferes et chez l'homme. Etude de la statique et de la dynamique du pied. (The calcaneum in the mammal series and in man. Study of the statistics and dynamics of the foot.) Arch. Anat., Strasbourg, 1929, 10, 271-325.
- 104.7 Forster, A. Le scapho-semilunaire. Etude comparative de la stabilisation du carpe chez les mammiferes et chez l'homme. (The navicular-lunate bone. Comparative study of the stabilization of the wrist in mammals and man.) Arch. Anat. Hist. et. Emb., 1932, 15, 83-217.
- 104.8 Davenport, C.B. Variations in proportions among mammals with special reference to man. J. Mammalogy, 1935, 16, 291-296.
- 104.9 Zinser, L.M., Farley, W.J., & Rohles, F.H., Jr. A zoometric study to determine the optimum manual performance areas for the chimpanzee. Air Force Missile Development Center Technical Report 61-15, May, 1961.
- 104.10 Rohles, F.H., & Fineg, J. Gross body measurements on a young chimpanzee. Air Force Missile Development Center Technical Report 61-36, December, 1961.
- 104.11 Stahl, W.R. Organ weights in primates and other mammals. Science, 1965, 150, 1039-1042.

105.00 External Anatomy

- 105.1 Alix, E. Recherches sur la disposition des lignes papillaires de la main et du pied, precedees de considerations sur la forme et les fonctions de ces deux organes. (Research on the disposition of papillary lines in the hand and foot, preceding the consideration of the form and function of these two organs.) Ann. Sci. Nat. Zool., 1867, 8, 295-362; 1868, 9, 5-42.
- 105.2 Keith, A. The results of an anthropological investigation of the external ear. Proc. anat. anthrop. Soc. Aberd., 1906, 217-239.
- 105.3 Poniatowski, S. Beitrag zur Anthropologie des Sprungbeins. (A contribution to the anthropology of the talus. Arch. Anthropol. Braunschwe., 1914, 41, 1-32.
- 105.4 Pocock, R.I. The external characters of the catarrhine monkeys and apes. Proc. zool. Soc. Lond., 1925, 2, 1479-1579.
- 105.5 Pearson, K. On the existence of the digital deformity so called "lobster claw"-in the apes. Ann. Eugen., Camb., 1931, 4, 339-340.
- 105.6 Coolidge, H.J., Jr. Symmetrical super-numerary mammae in a chimpanzee. J. Mammalogy, 1933, 14, 66-67.
- 105.7 Midlo, C. Form of hand and foot in primates. Amer. J. phys. Anthrop., 1934, 19, 337-389.
- 105.8 Elftman, H., & Manter, J.T. Chimpanzee and human feet in bipedal walking. Amer. J. phys. Anthrop., 1935, 20, 69-79.
- 105.9 Botar, J. Sur la structure des nerfs de la glande intercarotidienne (glomus caroticum) chez les singes anthropoides. (The structure of the nerves of the carotid gland (glomulus caroticum) of anthropoid apes.) Arch. Naus. Hist. Nat., Paris, 1935, 12, 243-249.
- 105.10 Elftman, H., & Manter, J.T. The evolution of the human foot, with special reference to the joints. Jour. Anat., 1935, 70, 56-67.
- 105.11 Frechkop, S. Notes sur les mammiferes. XXIII N'ya-t-il que deux phalanges dans le pouce et le gros orteil des primates? (Notes on the mammals. 23. Are there only two phalanges in the thumb and big toe of primates?) Bull. Mus. Hist. Nat. Belg., 1937, 13, 21 pp.
- 105.12 Wolff, C. The form and dermatoglyphs of the hands and feet of certain anthropoid apes. Proc. zool. Soc. Lond., 1937, 107, 347-350.
- 105.13 Nestur, M.F. Accessory mammary glands in primates. Antrop. Zh., 1936, 327-344, (Russ w/Engl. Abst.) Abstract: Amer. J. phys. Anthrop., 1938, 23, 233-234.

105.14 Wolff, C. A comparative study of the form and dermatoglyphs of the extremities of primates. Proc. zool. Soc. Lond., 1938, 108, 143-161.

105.15 Coolidge, H.J., Jr. Three new cases of an accessory nipple in anthropoid apes. J. Mammalogy, 1943, 24, 353-356.

106.00 Circulation and Lymphatic Systems

- 106.1 Brown, J. The femoral artery in apes. J. Anat., 1881, 15, 523-535.
- 106.2 Wittmann, R. Die Schlagadern der Verdauungsorgane mit Berücksichtigung der Pfortader bei dem Orang, Schimpansen, Gorilla. (The arteries of the digestive organs with consideration of the portal vein in the orangutan, chimpanzee, and gorilla.) Arch. f. Anthropol., 1891-92, 20. Inaug. Diss. (Med.), Munchen: Medizinische Fakultat, 1891.
- 106.3 Zuckerkandl, E. Zur Anatomie und Entwicklungsgeschichte der Arterien des Unterschenkels und des Fusses. (Anatomy and developmental history of the arteries of the tibia and foot.) Arb. Anat. Inst. Wiesbaden, 1895, 5, 207-291.
- 106.4 Keith, A. The modes of origin of the carotid and subclavian arteries from the arch of the aorta in some of the higher primates. J. Anat. Physiol., 1895, 29, 453-458.
- 106.5 LeDouble, A. Des variations des troncs de la convexite de la crosse de l'aorte de l'homme et principalement de la reproduction chez lui de la formule aortique de l'orang, du gibbon, des singes quadrupedes et des carnassiers. (Variations of the trunks of the convexity of the arch of the aorta of man and mainly the reproduction in man of the aortic formula of the orang, gibbon, quadruped monkeys, and the carnivores.) C. R. Ass. Anat., 1901, 3, 242-246.
- 106.6 Grumbaum, A. S. F., & Sherrington, C. S. Note on the arterial supply of the brain in anthropoid apes. Brain, 1902, 20, 270b-273b.
- 106.7 Parsons, F. G. On the arrangement of the branches of the mammalian aortic arch. J. Anat., 1902, 36, 389-399.
- 106.8 Rothmann, M. Ueber das Verhalten der Arteria cerebri anterior beim Affen, Anthropoiden und Menschen. (The relations of the anterior cerebral artery in monkeys, anthropoids, and humans.) Arch. Psychiat. Nervenkr., 1903, 38, 278-287.
- 106.9 Muller, E. Beitrage zur Morphologie des Gegassystems. II. Die Armarterien der Saugetiere. (Contributions to the morphology of the vascular system. II. The arm arteries of the mammals.) Arb. Anat. Inst., 1904, 27, 71-242.
- 106.10 Fransen, I. W. P. Le systeme vasculaire abdominal et pelvien des primates. Anatomie descriptive et relations segmentales. (The abdominal and pelvic vascular system of primates. The descriptive anatomy and segmental relations.) Ned. Bydr. Anat., 1907, 4, 215-283, 487-537.

- 106.11 Manners-Smith, T. The limb arteries of primates. J. Anat., 1910, 44, 271-302; 45, 23-64.
- 106.12 Retterer, E., & Neuville, H. Forme et connexions de la rate des singes catarrhiniens. (Form and connection of the spleen in catarrhine monkeys.) C. R. Soc. Biol., Paris, 1916, 79, 490-495.
- 106.13 Sera, G.L. Sul significato solifiletico delle differenze strutturali nell'arto inferiore di Anthropoidea (Mihi). (About the soliphyletic significance of the structural differences in the inferior limb of anthropoids.) G. Morf., 1921, 3, 85-162.
- 106.14 Streeter, G.L. Some uniform characteristics of the primate auricle. Anat. Rec., 1922, 23, 335-341.
- 106.15 Sylwanawicz, W. Ueber die Klappen der unpaaren Blutadern: Vv. azygos und hemiazygod. (The valves of unpaired blood veins: azygos and hemiazygos veins.) Prace Tow. Nauk. Wilno. Wydz. mat. przyrod., 1923, 8, 75-96.
- 106.16 Riegele, L. Die Innervation des Herzmuskels bei Affen. (The innervation of the heart muscle in monkeys.) S. B. Ges. Morphol. Physiol., Munchen, 1925-26, 37, 57-59.
- 106.17 Grzybowski, I. L'artere coeliaque chez les primates. (The coeliac artery in primates.) C. R. Soc. Sci. Varsovie, 1926, 19, 165-194.
- 106.18 Grzybowski, I. La phylogeneze de l'artere coeliaque chez les primates. (The phylogenesis of the coeliac artery in primates.) Bull. Soc. Anthrop., Paris, 1927, 8, 142-158.
- 106.19 Shellshear, J.L. The arterial supply of the cerebral cortex in the chimpanzee. J. Anat., 1930, 65, 45-87.
- 106.20 Hindze, B. Die Hirnarterien des Schimpansen. (The arteries of the brain of the chimpanzees.) Z. Morph. Anthrop., 1930, 27, 468-491.
- 106.21 Pugliese, R. Il nodo seno-atriale nel cuore dell scimpanze. (The sinus node in the heart of the chimpanzee.) Cuore Circot., 1934, 18, 303-315.
- 106.22 Watts, J.W. A comparative study of the anterior cerebral artery and the circle of Willis in primates. J. Anat., 1934, 68, 534-550.
- 106.23 Kihara, T., & Ieshima, G. Beitraege zur Anatomie des Lymphgefäßsystems der Wirbeltiere und des Menschen (Japaner). No. 22. Das Lymphgefäßsystem des Schimpansen (Trog. n.). (Contributions to the anatomy of the lymph-vascular system of vertebrates and of humans (Japanese). No. 22. The lymph-vascular system of the chimpanzees (*Troglodytes niger*). Folia anat. japon., 1935, 13, 303-324.

- 106.24 Forster, A. La veine communicante au niveau du pli du coude. Resultat d'adaptation du courant veinoux - Etude d'anatomie comparee. (The communicating vein of the bend of the elbow. Resulting adaptation of the common vein. Study of the comparative anatomy.) Arch. Anat., 1931, 1932, 14, 25-82.
- 106.25 Glidden, E.M., & DeGaris, C.F. Arteries of the chimpanzee. Amer. J. Anat., 1936, 58, 501-527.
- 106.26 Dobyns, B.M. Note on an artery of the moderator band. Anat. Rec., 1936, 66, 397-400.
- 106.27 Usui, M. Ueber die Gefasse der aeusseren Genitalien und die in der Beckenhoehle der maennlichen Affen. (The vessels of the external genitalia and pelvic cavity of male monkeys.) Jap. J. med. Sci., 1936, 7, 55.
- 106.28 Nahum, L.H., & Hoff, H.E. The interpretation of the U-wave of the electrocardiogram. Amer. Heart J., 1939, 17, 585-598.
- 106.29 Miller, R.A. Observations upon the arrangement of the axillary artery and brachial plexus. Amer. J. Anat., 1939, 64, 143-163.
- 106.30 Chase, R.E., & DeGaris, C.F. Arteriae coronariae (cordis) in the higher primates. Amer. J. Phys. Anthropol., 1939, 24, 427-448.
- 106.31 Nishi, S. Ueber die Arterien der Affenhand. (The arteries of the ape hand.) Jap. J. Med. Sci., 1939, 7, 385-393.
- 106.32 Leidel, G. Zur Anatomie des Anthropomorphenherzens. (The anatomy of the anthropoid heart.) Morph. Jb., 1940, 84, 457-490.
- 106.33 DeGaris, C.F. The aortic arch in primates. Amer. J. phys. Anthropol., 1941, 28, 41-74.
- 106.34 Roer, R.J. The blood vessels of the jejunum and ilium: a comparative study of man and certain laboratory animals. Amer. J. Anat., 1943, 73, 293-326.
- 106.35 Nishi, S. Ueber die Arterien des Affenfusses. (The arteries of the feet of apes.) Jap. J. med. Sci. J. Anat., 1943, 11, 127-148.
- 106.36 Kaiser, I.H. Histological appearance of the coiled arterioles of the endometrium of the rhesus monkey, baboon, chimpanzee and gibbon. Anat. Rec., 1947, 99, 199-225.
- 106.37 Woo, J.K. Torus palatinus. Amer. J. phys. Anthropol., 1950, 8, 81-111.
- 106.38 Gessner, J. Right hepatic artery of the chimpanzee. Anat. Anz., 1955, 102, 77-85.

- 106.39 Niechwieadowicz-Obada, I. Origine de l'artere linguale chez les primates. (The origin of the lingual artery in primates.) Acta biol. med. Gdansk, 1960, 4, 17-24.
- 106.40 Baccaredda-Boy, A. A note on the cutaneous arterial vessels of some primates. Angiologica, 1964, 1, 209-212.
- 106.41 Cowan, D.F. Abnormalities of vasa vasorum in exotic mammals and birds. Amer. J. Path., 1967, 51, 591-599.
- 106.42 Kolesov, M.A. (Morphology of the lymphatic system of the mucous lining of the papillary portion of the tongue of some mammals and humans.) Arkh. Anat. Gistol. Embriol., 1968, 55 (9), 11-16. Abstract: Biol. Abstr., 1969, 50, #68205.
- 106.43 Szostakiewicz-Sawicka, H. The anterior papillary muscle of the right ventricle. Folia morph. (Warszawa), 1968, 27, 371-381.
- 106.44 Ottoboni, A., Moretti, G. & Crovato, F. Vascolarizzazione della cute del padiglione auricolare dello scimpanze. (Vascularization of the skin of the auricular flap of the chimpanzee.) Arch. ital. Otol., 1969, 80, 441-452.
- 106.45 Frick, H. Heart of the Chimpanzee. In G. H. Bourne (Ed.), The Chimpanzee, vol. 3. Baltimore: University Park Press, 1970. Pp. 295-336.
- 106.46 Odintsova, L.A. Structure and functional peculiarities of lymphatic nodes of different organs of monkeys. Arkh. Arat. Gistol. Embriol., 1971, 60(3), 73-80.
- 106.47 Platzer, W. The blood vessels of the chimpanzee. Pp. 325-348 in The chimpanzee: Behavior, growth and pathology of chimpanzees, vol. 4, G. H. Bourne, (Ed.). Baltimore, Maryland, University Park Press, 1971.
- 106.48 Stinson, J.M. Intrarenal arterial patterns in nonhuman primates. Folia Primat., 1971, 14, 70-79.

107.00 Respiratory System

- 107.1 Mayer, C. Über den Bau des Organes der Stimme bei dem Menschen, den Saugethieren, und einigen grössern Voegeln, nebst physiologischen Bemerkungen. (The structure of the organs of the voice in humans, and some larger birds, with physiological remarks.) Nova Acta Leop. Carol., 1852, 23, 659-766.
- 107.2 Aeby, C.T. Der Bronchialbaum der Säugetiere und des Menschen. Nebst Bemerkungen über den Bronchialbaum der Voegel und Reptilien. (The bronchial tree of mammals and man. Including observations on the bronchial tree of birds and reptiles.) Leipzig: Wilhelm Engelmann, 1880, 98 pp.
- 107.3 Warnots, L. Idendite de la musculature du larynx chez l'homme et chez le chimpanze. (The identity of the musculature of the larynx in man and in the chimpanzee.) Bull. Soc. Anthropol., Bruxelles. 1885, 4, 59-62.
- 107.4 Deniker, I., & Boulart, R. Note sur les sacs laryngiens des singes anthropoides. (Note on the laryngeal bags of anthropoid apes.) I. Anat. physiol., Paris, 1886, 22, 51-62.
- 107.5 Tanja, T. Ueber die Grenzen der Pleurahöhlen bei den Primaten und bei einigen anderen Säugethieren. (The boundaries of the pleural cavities in the Primates and in some other mammals.) Morph. Jb., 1891, 17, 145-197.
- 107.6 Ruge, G. Die Grenzlinien der Pleurasäcke und die Lagerung des Herzens bei Primaten, insbesondere bei den Anthropoiden. Zeugnisse fuer die metamere Verkürzung des Rumpfes. (The boundary lines of the pleural cavities and the position of the heart in primates, particularly in the anthropoids. Evidence for the metamerie shortening of the torso.) Morph. Jb., 1892, 19, 149-249.
- 107.7 Meyer, E. Ueber die Luftsäcke der Affen und die Kehlkopfdivertikel beim Menschen. Ein Beitrag zur vergleichenden Anatomie des Kehlkopfs. (The air-sacs of monkeys and the laryngeal diverticula in humans. A contribution to the comparative anatomy of the larynx.) Arch. Laryng. Rhin. Berlin, 1901, 12, 1-26.
- 107.8 Narath, A. Der Bronchialbaum der Säugetiere und des Menschen. Eine vergleichende anatomische und entwicklungsgeschichtliche Studie. (The bronchial tree of mammals and man. A comparative anatomical and phylogenetic study.) Bibl. Med., Stuttgart, 1901, Abt. A, Heft 3, 379 pp.
- 107.9 Bolk, L. Beiträge zur Affenanatomie. III. Der Plexus cervico-brachialis der primaten. (Contribution to the anatomy of simians. III. The Plexus cervico-brachialis of primates.) Ned. Bydr. Anat., 1902, 1, 371-566.

- 107.10 Priemel, K. Einiges über Menschenaffen und deren Pflege im Zoolo-
gischen Garten zu Frankfurt am M. (On anthropoid apes and their care in
the Frankfurt A.M. Zoo.) Zool. Gart., 1908, 49, 77-85.
- 107.11 Ruge, G. Grenzen der Pleura-Saecke der Affen und des Menschen.
(Boundaries of the pleural cavity of monkeys and humans.) Gegenbaurs Jb.,
1910, 41, 1-109.
- 107.12 Sergi, S. I muscoli intercostali e la differenze sessuale del
tipo di respirazione nello cimpanze. (The intercostal muscles and the
sex difference of respiration types in chimpanzees.) Riv. Anthropol.,
1920, 24, 177-207.
- 107.13 Bernstein, H. Ueber das Stimmorgan der Primaten. (The vocal
organ of primates.) Abh. S. naturf. Ges., 1923, 38, 105-128.
- 107.14 Negus, V.E. Observations on the evolution of man from the evi-
dence of the larynx. Acta oto-laryng., Stockh., 1928, 12, 93-118.
- 107.15 Korner, F. Vergleichend-anatomische Untersuchungen ueber den
Faserverlauf der Pars lumbalis des Zwerchfells zur Bergrenzung des Hiatus
oesophageus bei Saugtieren. (Comparative anatomical research over the
course of fibers of the pars lumbalis of the diaphragm to the boundary of
the esophageal hiatus in mammals.) Gegenbaurs Jb., 1929, 61, 409-451.
- 107.16 Kleinschmidt, A. Die Schlund und Kehlorgane des Gorillas "Bobby"
unter besonderer Berücksichtigung der gleichen Organe von Mensch und
Orang. Ein Beitrag zur vergleichenden Anatomie des Kehlkopfes. (The
pharyngeal and laryngeal organs of the gorilla "Bobby" with particular
regard to the equivalent organs of man and orang-utan. A contribution
to the comparative anatomy of the larynx.) Gegenbaurs Jb., 1938, 81,
78-157.
- 107.17 Kelemen, G. The anatomical basis of phonation in the chimpanzee.
J. Morphol., 1948, 82, 229-256.
- 107.18. Kleinschmidt, A. Zur Anatomie des Kehlkopfs der Anthropoiden.
(Concerning the anatomy of the larynx of the anthropoids.) Anat. Anz.,
1950, 97, 367-372.
- 107.19 Kelemen, G. Physiology of phonation in primates. Logos, 1958,
1, 32-35.
- 107.20 Narkiewicz, M. Le nerf phrenique chez les primates. (The phrenic
nerve in primates.) Acta. biol. med. Gdansk., 1960, 4, 52-59.
- 107.21 Jordan, J. Quelques remarques sur la situation du larynx chez les
lemuriens et les singes. (Some remarks on the position of the larynx in
the lemurs and the apes.) Acta. biol. med. Gdansk., 1960, 4, 39-51.

- 107.22 Fenart, R. & Crinquette, J. Essai sur les rapports existant entre la position de la scissure oblique du poumon et le mode de station chez les primates. (Experiment on the current reports between the position of the oblique fissure of the lung and the mode of stature among primates.) Bull. Ass. Anat. (Nancy), 1965, 125, 586-595.
- 107.23 Fenart, R., Crinquette, J. & Darras, P. La systematization bronchique de quelques primates. (Bronchial Systemization in Some Primates.) Bull. Ass. Anat. (Nancy), 1965, 129, 1927-1929.
- 107.24 Jaraniec, J. & Szostakiewicz-Sawicka, H. The central tendon of the diaphragm in primates. Folia morph. (Warszawa), 1968, 27, 183-194.
- 107.25 Kelemen, G. Anatomy of the larynx and the anatomical basis of vocal performance. In G. H. Bourne (Ed.), The Chimpanzee, vol. 1 Baltimore: University Park Press, 1969. Pp. 165-186.
- 107.26 Toyozumi, Y. & Takase, S. (Evolution of the larynx related to phonatory function--An aspect of comparative anatomy.) Otol. Fukuoka, 1969, 15, 100-112. Abstract: Biol. Abstr., 1970, 51, #41594.
- 107.27 Bairamyan, E. A. (Anatomy of trachea of some mammals and man.) Zh. eksp. klin. Med., 1969, 9(5), 34-40. Abstract: Biol. Abstr., 1970, 51, #71620.
- 107.28 Schlumberger, J., Gerard-Marchant, R., & Micheau, Ch. Etude d'histologie et de biologie comparee du larynx des primates. (A histological study and the comparative biology of the larynx of primates.) Ann. Oto-laryng., 1970, 87, 189-198.
- 107.29 Barone, R. Observations sur les poumons et la ramescence bronchovasculaire d'un chimpanze. (Observations of the lungs and bronchio-vascular rami in the chimpanzee.) C. R. Ass. Anat., 1970, 145, 67-73. Abstract: Excerpta med. (Amst.), 1971, 25(Sect. 1), #1200.

108.00 Digestive System

- 108.1 Crisp, E. On the situation, form, and capacity of the gall bladder in the vertebrata; on its absence in certain animals; and on the color of the bile. Proc. zool. Soc., London, 1862, 132-139.
- 108.2 Flower, W.H. Lectures on the comparative anatomy of the organs of digestion of the mammals. Med. Times, 1872, 215-219, 291-294, 335-338, 392-394, 451-453, 507-509, 561-564, 621-622.
- 108.3 Cavanna, G. Sulla splanchnologia di un Troglodites niger. (Concerning the splanchnology of the chimpanzee.) Arch. per. l'Antropologia, 1876, 5, 211-215.
- 108.4 Boulart, R., & Pilliet, A. Sur la disposition des papilles foliees dans la langue des singes. (On the disposition of the foliate papillae in the tongue of apes.) C. R. Soc. Biol., Paris, 1884, 36, 626-627.
- 108.5 Gegenbaur, C. Über die Unterzunge des Menschen und der Saugethiere. (The under-tongue of humans and the mammals.) Morph. Jb., 1884, 9, 428-456.
- 108.6 Boulart, R., & Pilliet, A. Note sur l'organe folie de la langue chez les mammiferes. (Note on the foliate organ of the tongue of mammals.) Z. Anat., Paris, 1885, 21, 337-345.
- 108.7 Symington, J. On the viscera of a female chimpanzee. Proc. roy. Phys. Soc., 1890, 10, 297-312.
- 108.8 Klaatsch, H. Zur Morphologie der Mesenterialbildung am Darmkanal der Wirbelthiere. II. Theil. Saugethiere. (Morphology of the mesenteric formations of the intestinal canal of vertebrates. Part II. Mammals.) Morph. Jb., 1892, 18, 609-716.
- 108.9 Munch, F. Die Topographie der Papillen der Zunge des Menschen und der Saugetiere. (The topography of papillae of the tongue of humans and the mammals.) Morph. Arb., 1896, 6, 605-690.
- 108.10 van Loghem, J.J. Das Colon und Mesocolon der Primaten. (The colon and mesocolon of the primates.) Ned. Bijdr. Anat., 1903, 2, 350-437.
- 108.11 Mitchell, C.P. On the intestinal tract of mammals. Trans. zool. Soc. Lond., 1905, 17, 437-536.
- 108.12 Retzius, G. Die Gaumenleisten des Menschen und der Tiere. (The palatine ridge of humans and the animals.) Biol. Untersuch., 1906, 13, 117-168.
- 108.13 Weinberg, M. Appendicite et vasa intestinaux chez le chimpanze. (Appendicitis and vasa intestinae in the chimpanzee.) C. R. Soc., Paris, 1906, 60, 661-662.

- 108.14 Stahr, H. Ueber die Zungenpappillen des Breslauer Gorillaweibchens. (The lingual papillae of the Breslau female gorilla.) Jena Z. Naturw., 1906, 41, 618-631.
- 108.15 Cunningham, D.J. The varying form of the stomach in man and the anthropoid apes. Trans. roy. Soc., Edinb., 1906, 45, 9-47.
- 108.16 Weinberg, M. Oesophagostomose des anthropoides et des singes inférieurs. (Oesophagostomose of anthropoids and of the inferior monkeys.) Arch. Parosit., Paris, 1908, 13, 161-203.
- 108.17 Ruge, G. Die ausseren Formverhaltnisse der Leber bei den Primaten. Eine vergleichend anatomische Untersuchung. VI. Die Leber des Menschen. (The external form proportions of the liver of primates. Comparative anatomical research. VI. The liver of man.) Morph. Jb., 1907, 37, 397-487; 1908, 37, 614-660.
- 108.18 Duckworth, W.L.H. A note on sections of the lips in primates. J. Anat., 1910, 44, 349-353.
- 108.19 Hopf, K., & Edzard, D. Beobachtungen ueber die Verteilung der Zungenpapillen bei verschiedenen Menschenrassen. (Observations on the distribution of lingual papillae in various human races.) Z. Morph. Anthropol., 1910, 12, 545-558.
- 108.20 Forster, A. Zur Anatomie der primaeren Peritoneumfalten des Caecalapparates und der Recessur Ileo-Caecalis. Eine vergleichend anatomisch Untersuchung: Mammalia. (Anatomy of the primary peritoneal folds of the caecal apparatus and the ileocecal fossa. A comparative anatomical research: Mammalia.) Arb. Anat. Inst. Wiesbaden, 1918, 56, 1-170.
- 108.21 Sonntag, C.F. The comparative anatomy of the tongues of the mammalia. II. Family 1. Simiidae. Proc. zool. Soc. Lond., 1921, 1-29.
- 108.22 Neuville, H. Signification de l'appendice vermiculaire des primates. Mechanism evolutif de sa formation; ses rapports avec le régime, ses fonctions. (Significance of the vermiform appendix of primates. Evolutionary mechanism of its formation, its connections with the body, its function.) Anthropologie, Paris, 1922, 32, 409-445.
- 108.23 Mayer, C. Ueber die Zunge als Geschmackorgan. (The tongue as a gustatory organ.) Nova Acta Leop. Carol., 1824, 20, 721-748.
- 108.24 Kostanecki, K. Le caecum des vertebres (y compris "l' appendice vermiculaire"). Morphologie et signification fonctionnelle. (The caecum of the vertebrates, including the appendix vermiformis. Morphology and functional significance.) Bull. int. Acad. Cracovie, Cl. Sci., Math. nat., Ser B, Sci. nat., 1926, Supplement, 295 pp.

- 108.25 Lubosch, W., & Schaller, J. Ueber die Form des Menschlichen Rectums. (The form of the human rectum.) Z. Anat. Entw. Gesch., 1928, 85, 400-445.
- 108.26 Jacobshagen, E. Das Schleimhautrelief des Prosmier-Rumpfdarmes mit Beitraegen zur Kenntnis der Kerkringschen Faltensysteme der Anthropoiden und des Menschen. (The mucosal relief of the Prosmier small intestine with contributions to knowledge of Kerckring's fcols of anthropoid apes and humans.) Jena Z. Naturw., 1929, 64, 1-90.
- 108.27 Lorin-Epsten, M.J. Evolution und Bedeutung des Wurmfortsatzes und der Valvula ileocecalis im Zusammenhang mit der Aufrichtung des Rumpfes. (The evolution and significance of the appendix and the ileocecal valve in association with the erectness of the torso.) Z. Anat. Entw. Gesch., 1932, 97, 68-144.
- 108.28 Reider, N. The primate colon. Proc. zool. Soc. Lond., 1936, 433-453.
- 108.29 Straus, W.L., Jr. The visceral anatomy of an infant chimpanzee. J. Mammalogy, 1937, 18, 501.
- 108.30 Smith, H.W., & Clarke, R.W. The excretion of insulin and creatinine by the anthropoid apes and other infrahuman primates. Amer. J. Physiol., 1938, 122, 132-139.
- 108.31 Thomson, S.C. Studies of the anatomy of the extrahepatic biliary tract in mammalia. Publ. Field Mus. Zool. Ser., 1940, 22, 415-430.
- 108.32 Kleinschmidt, A. Die Gaumenmandeln der grossen Menschenaffen. (The tonsils of the large anthropoid apes.) Z. Saugetierk., 1941, 14, 250-256.
- 108.33 Noer, R.J. The blood vessels of the jejunum and ileum: A comparative study of man and certain laboratory animals. Amer. J. Anat., 1943, 73, 293-334.
- 108.34 Hill, W.C.O. Some points in the enteric anatomy of the great apes. Proc. zool. Soc. Lond., 1947, 117, 19.
- 108.35 Hill, W.C.O., & Rewell, R.E. The caecum of primates: its appendages, mesenteries, and blood supply. Trans. zool. Soc. Lond., 1948, 26, 199-256.
- 108.36 Boyden, E.A. The choledoco and pancreaticduodenal junctions in the chimpanzee. Surgery, 1955, 37, 918-927.
- 108.37 Ellis, R.A. Cholinesterases in the mammalian tongue. J. Histochem. Cytochem., 1959, 7, 156-163.

108.38 Mortelmans, J. & Vercruyse, J. A propos du syndrome d'occlusion et d'obstruction intestinales chez des mammifères au zoo d'Anvers. (Concerning the intestinal occlusion and obstruction syndrome in the mammals of d'Anvers zoo.) Bull. Soc. roy. Zool. Anvers, 1963, 32, 23-26.

108.39 Soutoul, J.H., Guyader, A. Le, Chatelain, B. & Lapierre, F. La vascularisation arterielle de la paroi de l'intestin grêle. (Etude comparative des animaux de experimentation et de l'homme.) (Arterial vascularization of the wall of the small intestine - a comparative study of animal and human experimentation.) Bull. Ass. Anat. (Nancy), 1966, 133, 817-839.

108.40 Delattre, A., Fenart, R. & Deblock, R. La region frontale étude vestibulaire. (The Relative Surface of the Digestive Tract of Some Primates, Morphology of Intestinal Villosity and Correlations with the Alimentary System.) Bull. Ass. Anat. (Nancy), 1967, 138, 392-397.

108.41 Hladik, C.M. Surface relative du tractus digestif de quelques primates, morphologie des villosités intestinales et correlations avec le régime alimentaire. (The Relative Surface of the Digestive Tract of Some Primates, Morphology of Intestinal Villosity and Correlations with the Alimentary System.) Mammalia, 1967, 31, 120-147, pls 2-5.

108.42 Kubik, W. [The pancreatic ducts in lower primates.] Folia morph. (Warszawa), 1967, 26, 243-261. Also: Folia morph. (Warzawa, Engl. Edition), 1967, 26, 226-242. Abstract: Biol. Abstr., 1968, 49, #6480, Excerpta med. (Amst.), 1968, 22 (Sect. 1), #916.

108.43 Hladik, C.M. Recherche des caractéristiques histo-chimiques et cytologiques de la muqueuse intestinale des primates et des corrélations avec le régime alimentaire. (Research on the histochemical and cytological characteristics of the intestinal mucous of primates and their correlation with the alimentary diet.) Mem. Mus. Hist. nat. (Paris), 1968, n.s. A52, 1-69.

108.44 Hofer, H.O. The glandula apicis linguae in Pan troglodytes. A preliminary note. Folia primat., 1970, 12, 38-41.

109.00 Endocrine System

109.1 Otto, M. Beitrage zur vergleichenden Anatomie der Glandula thyroidea und Thymus der Saugethiere. Nebst Bemerkungen über die Kehlsaecke von Lemur varius und Troglodytes niger. (Contributions to the comparative anatomy of the thyroid gland and thymus of mammals. Including observations on the pharyngeal pouches of Lemur varius and Troglodytes niger.) Ber. naturf. Ges. Freiburg, 1898, 10, 33-90.

109.2 Plaut, A. Investigations on the pars intermedia of the hypophysis in anthropoid apes and man. J. Anat., 1936, 70, 242-249.

109.3 Inay, M. & Ruch, T.C. The endocrine weights of primates. Endocrinology, 1940, 27, 58-67.

109.4 Grafflin, A.L. The thyroid gland of the chimpanzee, with further observation upon the thyroid and parathyroid glands of the baboon. Jour. Morph., 1942, 70, 535-543.

109.5 Clark, G., & Buch, H.G. Hormonal modifications of social behavior. I. The effects of sex-hormone administration on the social status of a male castrate chimpanzee. Psychosom. Med., 1945, 7, 321-329.

109.6 Clark, G., & Buch, H.G. Hormonal modifications of social behavior. III. The effects of stilbestrol therapy on social dominance in the castrate chimpanzee. Bull. Canad. psychol. Ass., 1946, 6, 1-3.

109.7 Birch, H.G., & Clark, G. Sex hormones and social behavior in chimpanzees. Anat. Rev., 1948, 101, 693.

109.8 Burghart-Czaplinska, M. La longueur, la forme et la situation de la glande surrenale chez les prosimiens et les singes. (The length, the form, and the position of the adrenal gland in the prosimians and the apes.) Acta. biol. med. Gdansk., 1960, 4, 68-75.

109.9 Delattre, A. & Fenart, R. Nouvelles considerations a propos de l'angle thyroidien. (New considerations concerning the angle of the thyroid.) Rev. Laryng. (Bordeaux), 1966, 87, 937-974.

110.00 Urogenital System

- 110.1 Crisp, E. On the os penis of the chimpanzee (*Troglodytes niger*) and of the orang (*Simia satyrus*). Proc. zool. Soc., London, 1863, 48.
- 110.2 deRochebrune, A.T. De la conformation des organes genitaux externes chez les femelles de singes anthropomorphes du genre *Troglodytes*. (The formation of the external genital organs in female monkeys of the genus *Troglodytes anthropoids*.) C. R. Aca. Sci., 1886, 103, 1084-1086.
- 110.3 Bischoff, T.L.W. Vergleichend anatomische Untersuchungen über die äusseren weiblichen Geschlechts und Begattungsorgane des Menschen und der Affen, insbesondere der Anthropoiden. (Comparative anatomical research over the external female sex and copulatory organs of humans and monkeys, particularly the anthropoids.) Bay. Akad. Wissensch., (Ahh. der math-phys. CLK), Munchen, 1879, 13, 207 pp.
- 110.4 Bolk, L. Beiträge zur Affenanatomie. VI. Zur Entwicklung und der vergleichenden Anatomie des Tractus urethrovaginalis der Primaten. (Contributions to the anatomy of monkeys. VI. Development and comparative anatomy of the urethrovaginal tract of primates.) Z. Morph. Anthropol., 1907, 10, 250-316.
- 110.5 Gerhardt, U. Ueber das Vorkommen eines Penis und Clitorisknochens bei Hylobatiden. (The presence of an os penis and os clitoridis in Hylobatides.) Anat. Anz., 1909, 35, 353-358.
- 110.6 Retterer, E., & Neuville, H. Du gland et du penis d'un chimpanze. (The glans and the penis of a chimpanzee.) C. R. soc. Biol., Paris, 1915, 78, 362-365.
- 110.7 de Beaux, O. Sul pene degli antropomorfi. (On the penis of anthropoids.) G. Morf., 1917, 1, 222-227.
- 110.8 Anthony, R., & Villemin, F. La lobation du rein foetal chez les primates. (The lobation of the foetal kidney of primates.) C.R. Acad. Sci., Paris, 1923, 176, 1245-1247.
- 110.9 Retterer, E., & Neuville, H. L'organisation du Chimpanze comparée à celle de l'Homme. (The organization of the chimpanzee compared to that of man.) C. R. Soc. Biol., Paris, 1923, 88, 478-480.
- 110.10 Retterer, E., & Voronoff, S. Structure des testicules d'un chimpanzee et résultats physiologiques de leur greffe. (Structure of the testicles of a chimpanzee and the physiological results of their graft.) C. R. Soc. Biol., Paris, 1923, 88, 335-340.
- 110.11 Sonntag, C.F. On the pelvic muscles and generative organs in the male chimpanzee. Proc. zool. Soc. Lond., 1923, 1001.

- 110.12 Mijsberg, W.A. Ueber den Bau des Urogenital-apparates bei den maennlichen Primaten. (The structure of the urogenital apparatus in the male primates.) Verh. Akad. Wet. Amst., 1923, 23 (Sect. 2), NOI 92 pp.
- 110.13 Jacoby, M. Ueber das sogenannte os Penis. (The so-called "os penis".) Z. urol. Chir., 1924, 16, 102-112.
- 110.14 Pohl, L. Zur Morphologie der maennlichen Kopulationsorgane der Saeugetier; insbesondere der Versuch einer vergleichend anatomischen Studie ueber den Penis der Primaten, einschliesslich des Menschen. (Morphology of the male copulatory organs of mammals; especially the attempt at a comparative anatomical study of the penis of primates, inclusive of humans.) Z. Anat. Entw. Gesch., 1928, 86, 71-119.
- 110.15 Tinklepaugh, O.L. Occurrence of vaginal plug in a chimpanzee. Anat. Rec., 1930, 46, 329-332.
- 110.16 Tinklepaugh, O.L., & van Campenhout, E. The vaginal cell content of the mature and immature chimpanzee. Anat. Rec., 1931, 48, 309-322.
- 110.17 Wislocki, G.B. On the female reproductive tract of the gorilla, with a comparison of that of other primates. Carnegie Inst. Contr. Embryol., 1932, 135, 163-204.
- 110.18 Wislocki, G.B. Gravid reproductive tract and placenta of the chimpanzee. Amer. J. phys. Anthrop., 1933, 18, 81-92.
- 110.19 Wislocki, G.B. Observations on the descent of the testes in the macaque and in the chimpanzees. Anat. Rec., 1933, 57, 133-148.
- 110.20 Wislocki, G.B. Location of the testes and the body temperature in mammals. Quart. Rev. Biol., 1933, 8, 385-396.
- 110.21 Straus, W.L., Jr. The structure of the primate kidney. J. Anat., 1934, 69, 93-108.
- 110.22 Zuckerman, S., & Parkes, A.S. Observations on the structure of the uterus masculinus in various primates. J. Anat., 1935, 69, 484-496.
- 110.23 Wislocki, G.B. The external genitalia of the simian primate. Human Biol., 1936, 8, 309-347.
- 110.24 Rumpf, W. Die aeussere Form der Niere der drei anthropomorphen Affen. (The external form of the kidney of three anthropoid apes.) Inaug. Diss. (Zahnheilk.) Munster: H. Buschmann, 1937, 38 pp.
- 110.25 Schultz, A.H. The relative weight of the testes in primates. Anat. Rec., 1938, 72, 387-394.
- 110.26 Schultz, A.H. Genital swelling in the female orang-utan. J. Mammalogy, 1938, 19, 363-366.

- 110.27 Young, J.C. Genital cycles following incomplete oophorectomy in the chimpanzee. Anat. Rec., 1944, 89, 475-493.
- 110.28 Hill, W.C.O. Note on the male external genitalia of the chimpanzee. Proc. zool. Soc. Lond., 1946, 116, 129-132.
- 110.29 Harrison, R. The development and fate of the corpus luteum in the vertebrate series. Biol. Revue, 1948, 23, 296-331.
- 110.30 Matthews, L.H., & Baxter, J.S. Polythelia in a chimpanzee. Proc. zool. Soc. Lond., 1948, 118, 144-145.
- 110.31 Harrison, R. The comparative anatomy of the blood supply of the mammalian testis. Proc. zool. Soc. Lond., 1949, 119, 325-344.
- 110.32 Hill, W.C.O. The external genitalia of the female chimpanzee with observations on the mammary apparatus. Proc. zool. Soc. Lond., 1951, 121, 133-145.
- 110.33 Van Campenhout, E. Nouvelle contribution concernant les relations neurointerstitielles des glandes génitales des primates. (New contribution concerning the neurointerstitial relations of the genital glands of the primates.) Arch. Anat., 1952, 34, 95-103.
- 110.34 Gagnon, J.A., & Clarke, R.W. Renal functions in the chimpanzee. Amer. Jour. Physiol., 1957, 190, 117-120.
- 110.35 Van Campenhout, E. Organes epithelio-neuraux dans l'ovaire des Primates. (Neuro-epithelial organs in ovary of primates.) C. R. Soc. Biol. Paris, 1959, 145, 454-456.
- 110.36 Labunowa, T. Situation des reins par rapport aux vertebres chez les primates. (Location of the kidneys in relation to the vertebrae in primates.) Acta. biol. med. Gdansk., 1960, 4, 60-67.
- 110.37 Tisher, C.C. Morphology of the chimpanzee kidney: a comparison with man. In The chimpanzee. Vol. 2. Physiology, behavior, serology, and diseases of chimpanzees. G.H. Bourne (ed.) Published in simultaneous European (Basel: Karger, 1970) and Americar (Baltimore: University Park Press, 1970) editions.
- 110.38 Roberts, J.A. & Seibold, H.R. The histology of the primate urethra. Folia primat., 1971, 14, 59-69.

111.00 Osteology, Arthrology and Syndesmology
(the skull as a whole)

111.1 Owen, R. Osteological contributions to the natural history of the chimpanzees (Trog, Geoffroy), including the description of the skull of a large species (Trog. gorilla, Savage) discovered by Thomas S. Savage, M.D. in the Gaboor country, West Africa. Trans. zool. Soc. Lond., 1848, 3, 381-422.

111.2 Owen, R. Osteological contributions to the natural history of the chimpanzees (Trog.) and orangs (Pithecius). No. IV. Descriptions of the cranium, etc. Trans. zool. Soc. Lond., 1851-62, 4, 75-88.

111.3 Owen, R. Osteological contributions to the natural history of the chimpanzees (Trog.) and orangs (Pithecius). VI. Characters of the skull of the male Pithecius morio, with remarks on the varieties of the male Pithecius satyrus. Trans. zool. Soc. Lond., 1856, 4, 165-178.

111.4 Smith, J.A. Notice of a skull of the Troglodytes niger, Desm., the chimpanzee, found in a "Devil-house", Old Calabar, Africa. Proc. r. phys. Soc. Edinb., 1858, 2, 41-43.

111.5 Aeby, C.T. Die Schaedelformen des Menschen und der Affen. Eine morphologische Studie. (The skull types of man and the apes. A morphological study.) Leipzig: F.C.W. Vogel, 1867, 132 pp.

111.6 von Bischoff, T.L.W. Ueber einen im Besitze des Dr. Auzoux, Verfertiger plastisch-anatomischer Praeparate in Paris, befindlichen maennlichen Gorilla und einen im naturhistorischen Museum zu Bruessel befindlichen weiblichen Chimpanse Schaedel mit sechs Backenzähnen. (On an existing male gorilla, in the possession of Dr. Auzoux, make of plastic anatomical specimens in Paris, and an existing female chimpanzee skull, in the Natural History Museum of Brussels, with six molar teeth.) S.B. bayer, Akad. Wiss., 1867, 1, 444-449.

111.7 von Bischoff, T.L.W. Ueber zwei weiters ihm von Paris zugesendete maennliche Chimpansen Schaedel. (Two further male chimpanzee skulls sent from Paris.) S. B. bayer, Akad. Wiss., 1867, 1, 283-293.

111.8 von Bischoff, T.L.W. Ueber einen weiblichen Schimpansenschaedel mit sechs Backenzähnen. (A female chimpanzee skull with six molar teeth.) Sitzgsber. S. Ber. Akad. Wiss., Munchen, 1867, Math. phys. Kl.

111.9 von Bischoff, T.L.W. Zweiundzwanzig Tafeln zu der Abhandlung des Prof. Th. Bischoff ueber die Schaedel der menschenähnlichen AFFEN. (Twenty-two plates on the treatise of Prof. Th. Bischoff on the skulls of anthropoid apes.) Munchen: Verlag der K. Akademie. 1867.

111.10 Mantegazza, P. Dell'indice cefalospinaile nell'uomo e nelle scimmie antropomorfe e metodo per determinarlo. (About the cephalo-spinal index in man and anthropoids and a method for its determination.) Arch. Anthropol. Etnol., 1871, 1, 40-59.

- 111.11 Wyman, J. Observations on the cranium of a young gorilla. Proc. Boston Soc. nat. Hist., 1862-63, 9, 203-226.
- 111.12 von Bischoff, T. L. W. Ueber die Verschiedenheit in der Schädelbildung des Gorilla und Chimpansen, nebst einer Bemerkung euber die Darwinsche Theorie. (The differences in the skull structure of the gorilla an chimpanzee, with a remark on the Darwinian theory.) Munchen: verlag der K. Akademie, 1867, 92, 9 pp., Rev. Arch. Anthrop. Braunschwe., 1867, 2, 343-348; J. Anthrop., London, 1871, 1, 268-277.
- 111.13 Flower, W. H. Exhibition of and remarks upon the skull of a young chimpanzee. Proc. zool. Soc. Lond., 1882, 634-636.
- 111.14 Weiger, G. Die anthropologische Sammlung des anatomischen Instituts der Universitat Breslau. II. Schädel und Skellet der anthropoiden Affen. (The anthropological collection of the anatomical institute of Breslau University. II. Skull and skeleton of the anthropoid apes.) Arch. Anthrop., 1885, 15, Suppl. 39-45.
- 111.15 Beck, W. Ueber den Austritt des N. hypoglossus und N. cervicalis primus aus dem Centralorgan beim Menschen und in der Reihe der Säugetiere unter besondere Berücksichtigung der dorsalen Wurzeln. (The emergence of the hypoglossal nerve and the first cervical nerve from the central nervous system of humans and in the series of mammals with special consideration of the dorsal roots.) Arb. anat. Inst., 1895, 6, 249-345.
- 111.16 Selenka, E. Rassen, Schädel, und Bezahlung des Orangutan. (Breeds, skull, and dentition of the orangutan.) Stud. Entw. Gesch. Tiere, 1898, 2, 1-91.
- 111.17 Selenka, E. Schädel des Gorilla und Schimpansen. (The skull of the gorilla and chimpanzee.) Stud. Entwgesch. Tiere, 1899, 2, 93-160.
- 111.18 Schwalbe, G. Studien ueber Pithecanthropus erectus Dubois. I Theil. I Abtheilung. (Studies on Pithecanthropus erectus Dubois. Part I. Section I.) Z. Morph. Anthrop., 1899, 1, 16-240.
- 111.19 Frassetto, F. Le forme craniche degli antropoidi (Simidae) in rapporto alle umane. (The cranial forms of anthropoids in comparison with humans.) Atti. Soc. romana Antrop., 1904, 10, 43-71.
- 111.20 Schwalbe, G. Ueber das Gehirnrelief des Schädels bei Säugetieren. (The brain relief of the skull in mammals.) Z. Morph. Anthrop., 1904, 1, 203-222.
- 111.21 Haeckel, E. H. P. A. Unsere Ahnenreihe (Progonotaxis hominis). Kritische Studien ueber Phyletische Anthropologie. (Our pedigree "Progonotaxis hominis". Critical studies on phyletic anthropology.) Jena: G. Fischer, 1908, IV, 57, 1 pp.

111.22 Friedenthal, H. Allgemeine und spezielle Physiologie, des Menschenwachstums fur Anthropologen, Physiologen, Anatomen und Aerzte dargestellt. (General and specific physiology of human growth presented for anthropologists, physiologists, anatomists, and physicians.) Berlin: Julius Springer, 1914, 9, 161 pp.

111.23 Robinson, L. The story of the chin. Rep. Smithson Instn., 1914, 599-609.

111.24 Miller, G. S., Jr. The jaw of the Piltdown man. Smithson misc. Coll., 1915, 65, 31 pp.

111.25 Schwindewolf, O. H. Das Problem der Menschwerdung, ein palaeontologischer Loesungsversuch. (The problem of human evolution, a paleontological attempt at explanation.) Jahrb., preuss. geol. Bd. Anst., 1920, 49, 716-766.

111.26 de Aranzadi, T. Calaveras de chego y de chimpance joven. (The skull of the young chimpanzee.) Publ. Secc. Cienc. nat. Barcelona, 1922, 14, 113-136.

111.27 de las Barras de Aragon, F. Ensayo de aplicacion a los antropoides de la hoja craniometrica aprobada por el Congreso de Antropologia de Monaco. (Attempts to apply to anthropoids the craniometric system as approved by the Congress of Anthropology of Munich.) Biol. Soc. exp. Hist. nat., 1924, 24 132-151.

111.28 Naef, A. Ueber die Urformen der Anthropomorphen und die Stammesgeschichte des Menschenschaedels. (The original forms of the anthropoids and the phylogeny of the human skull.) Naturwissenschaften, 1926, 14, 445-452, 472-477.

111.29 Hecker, P. La region pterigoid osseuse chez l'homme et les simiens (Etude d'anatomie comparee). (The bony pterygoid region in man and simians. Study of comparative anatomy.) Arch. Anat., Strasbourg 1926-27, 6, 283-320.

111.30 Keith, A. Cranial characteristics of gorilla and chimpanzees. Nature, 1927, 120, 914-915.

111.31 Beattie, J. Exhibition of radiographs of chimpanzees and other primates. Proc. zool. Soc., London, 1927, 489.

111.32 Harris, H. A. The skull, the face, and the teeth of the primates with special reference to the dolichocephaly and the centres of growth in the face. Part I. Proc. zool. Soc. Lond., 1927, 491-502.

111.33 Zuckerman, S. Age changes in the chimpanzee, with special reference to growth of brain, eruption of teeth, and estimation of age; with a note on the Taungs ape. Proc. zool. Soc. Lond., 1928, 1-42.

111.34 Edmond, A. Etude des sinus chez les singes. (Study of the sinus of monkeys.) Ann. Mus. Hist. Nat., Marseille, 1929, 22, 1-30.

111.35 Krogman, W. M. Studies in growth changes in the skull and face of anthropoids. I. The eruption of the teeth in anthropoid and Old World apes. Amer. J. Ant., 1930, 46, 303-313.

111.36 Krogmen, W. M. Studies in growth changes in the skull and face of anthropoids. II. Ectocranial and suture closure in anthropoids and Old World apes. Amer. J. Anat., 1930, 46, 315-353.

111.37 Krogmen, W. M. The problem of growth changes in the face and skull as viewed from a comparative study of anthropoids and man. Dental Cosmos, 1930, 624-630.

111.38 Todd, T. W. Facial growth and mandibular adjustment. Int. J. Orthod., 1930, 16, 1243-1267.

111.39 Cave, A. J. E. The craniopharyngeal canal in man and anthropoids. J. Anat., 1931, 65, 363-367.

111.40 Krogman, W. M. Studies in growth changes in the skull and face of anthropoids. IV. Growth changes in the skull and face of the chimpanzee. Amer. J. Anat., 1931, 47, 325-365.

111.41 Friederichs, H. F. Schaedel und Unterkiefer von Piltdown (Eoanthropus dawsoni Woodward) in neuer Untersuchung. Nebst einem Vorwort von Franz Weidenreich. (The skull and mandible of the Piltdown man [Eo. d. W.], in a new research. With a foreword by Franz Weidenreich.) Zeitschr. Anat. u. Entwicklungsgesch. (Zeitschr. Ges. und Abt. I), 1932, 98, 199-262.

111.42 Pittard, E. & Pittard, J. J. Le poids du crane, le poids de la mandibule et l'indice cranio-mandibulaire chez les anthropoids (Gorillas, orangs, and chimpanzees). (The weight of the cranium, the weight of the mandible and the cranio-mandibular indices in the anthropoids. Gorillas, orangs, and chimpanzees.) Arch. suisses Anthrop., 1935, 7, 145-156.

111.43 Pearl, R. D. A note on the relative areas of the malar and temporal surfaces with increase in cranial capacity. Anthrop. Anz., 1936, 12, 284-292.

111.44 Kurokoti, B. Anthropologische Beobachtungen an dem Schaedel der anthropoiden Affen. (Anthropological observations on the skull of the anthropoid apes.) Nihon Shika Gk. Z., Tokyo, 1936, 29, 541-583, 625-688, 724-744.

111.45 Rode, P. Note sur un crane de chimpanze. (Notes on a chimpanzee skull.) Bull. Soc. Anth., Paris, 1941, 2, 13-15.

111.46 Hirschler, P. Anthropoid and human endocranial casts. Proefschr. (Geneesk.), Amsterdam, 1942, 150 pp.

- 111.47 Galli, A. Anomalie dentali e suturali, wormiani, metopismo negli anthropoidi del Museo di Anatomia comparata di Torino. (Anomalies of the teeth, sutures, wormian bones and the forehead in anthropoid apes at the Museum of Comparative Anatomy in Turin, Italy.) Boll. Mus. Zool. Anat. comp. Torino, 1942, 49, 127-138.
- 111.48 Weinert, H. The finding of skulls of the primitive chimpanzee Proconsul from East Africa. Fortschr. u. Fortschr., 1949, 25, 243-246.
- 111.49 Keith, A. An account of five unpublished Huxleyan plates illustrating the craniology of young anthropoid apes. Proc. zool. Soc. Lond., 1950, 119, 839-860.
- 111.50 Ashton, E. H. & Zuckerman, S. Some cranial indices of Plesianthropus and other primates. Amer. J. phys. Anthrop., 1951, 9, 283-296.
- 111.51 Ashton, E. H. Age changes in dimensional differences between the skulls of male and female apes. Proc. zool. Soc. Lond., 1957, 128, 259-265.
- 111.52 Chopra, S. R. K. The cranial suture closure in monkeys. Proc. zool. Soc. Lond., 1957, 128, 67-112.
- 111.53 Ashton, E. H., & Spence, T. F. Age changes in the cranial capacity and foramen magnum of hominoids. Proc. zool. Soc. Lond., 1958, 130, 169-181.
- 111.54 Negus, V. The comparative anatomy and physiology of the nose and paranasal sinuses. Edinburgh, E. & S. Livingston, Ltd., 1958, 402 pp.
- 111.55 Vogel, C. Sulcus mylohyoideus, foramen mandibulae und sulcus retrotoralis bei Ponginen und Hylobatiden. (Sulcus mylohyoid, foramen mandibulae and retrotoralis sulcus in Ponginen and Hylobatinae.) Folia, primat., 1963, 1, 103-121.
- 111.56 Delattre, A., & Fenart, R. Etude des projections horizontale et vertico-frontale du crane au cours de l'hominisation. (Study of the horizontal and vertical-frontal projection of the skull in the course of man's evolution.) Anthropologie (Paris), 1963, 67, 85-113.
- 111.57 Veit, O. Die Entwicklung des knochernen Schadels unter besonderer Berücksichtigung der hohen Wirbeltiere. (Development of the bony skull with special consideration of the higher vertebrates.) In Muller, D. (ed.), Neuroradiologische Diagnostik und Symptomatik der Hirnentwicklung im Kindesalter. Internationales Symposium am 9. und 10. November 1960 in Berlin, Berlin: VEB Verlag, Volk, und Gesundheit, 1963.
- 111.58 Scott, J. Factors determining skull form in primates. Symp. zool. Lond., 1963, 10, 127-134.

- 111.59 Hofer, H., & Tigges, J. Studien zum Problem des Gestaltwandels des Schädels der Säugetiere, insbesondere der Primaten. III. Zur Kenntnis der Hirnkyphose der Primaten. (Study of the problem of the change of form of the mammalian skull especially of the primates. III. On knowledge of cerebral kyphosis in primates. Z. Morph. Anthropol., 1963, 54, 115-126.)
- 111.60 Vogel, C. Die Spina nasalis anterior und vergleichbare Strukturen bei rezenten Simiern. (The arterial nasal spina and comparable structures in modern simians.) Zool. Anz., 1963, 171, 273-290.
- 111.61 Abbie, A. A. The cranial centre. Z. Morph. Anthropol., 1963, 53, 6-11.
- 111.62 Heintz, N. Aspects infantiles tardifs de la croissance du crâne humain. (Retarded Infantile Aspects of the Growth of the Human Cranium.) C. R. Acad. Sci. (Paris), 1964, 259, 229702299.
- 111.63 Hofer, H. Die morphologische Analyse des Schädels des Menschen. (Analytical morphology of the skulls of man.) In Heberer, G., (Ed.), Menschliche Abstammungslehre. Fortschritte der Anthropogenie, 1863-1964, Stuttgart: Gustav Fischer, Verlag, 1965.
- 111.64 Heintz, N. L'arcade alvéolaire antérieure de la mandibule des hominidés. Croissance, variabilité, évolution. (Anterior Alveolar Arc in the Jaw of Anthropoids. Growth, Variability, Evolution.) Ann. Paleontol., 1966, 52, 67-80.
- 111.65 Troncone, L., Sfondrini, G. & Romanini, M. G. M. Contributo allo studio dell'architettura intima della mandibola dei primati. (Contribution to the study of the fine structure of the primate mandible.) Biol. lat. (Milano), 1967, 20, 247-279.
- 111.66 van Velzen, S. K. T. Does captivity influence the morphogenesis of the animal skull and teeth? Ned. T. Tandheeld., 1967, 128-136.
- 111.67 " Vogel, C. Über einige seltene pathologische Erscheinungsbilder am Schädel von Primaten aus freier Wildbahn. (Some Rare Pathological Phenomena on the Skulls of Primates Taken from the Wild.) In Neue Ergebnisse der Primatologie, (New Results of Primatology), D. Starck, R. Schneider, & H. J. Kuhn, (Eds.) Stuttgart, Gustav Fischer Verlag, 1967, 128-136.
- 111.68 Starck, D. Le crâne des mammifères. (The Cranium of Mammals.) In Traité de zoologie. Anatomie, systématique, biologie, (Treatise on Zoology. Anatomy, Systematics, Biology), Grasse, Ed. Paris, Masson et Cie, 1967, Vol. 26, No. 1, 405-549, 1095-1102.
- 111.69 Starck, D. Specializations of the skull in mammals. Ann. Univ. Stellenbosch. 1969, A44, 241-252.
- 111.70 Krogman, W. M. Growth changes in skull, face, jaws, and teeth of the chimpanzee. In G. H. Bourne (Ed.), The Chimpanzee, Vol. 1, Baltimore: University Park Press, 1969, Pp. 104-164. Abstract: Excerpta Med. (Amst.) 1970, 24, (Sect. 1), #3026.

111.71 Delattre, A., Fenart, R. & Deblock, R. Os wormiens et enomalias suturales dans une collection de cranes de Pan Paniscus. (Wormian bones and suture anomalies from a collection of Pan paniscus skulls.) C. R. Ass. Ant., 1969, 144, 1794-1796. Abstract: Excerpta med. (Amst.) 1970, 24(Sect. 1), #3027.

111.72 Delattre, A., Fenart, R. & Deblock, R. Remarques sur l'anatomie comparee des grandes ailes du sphenoide. (Remarks concerning the comparative anatomy of the large wings of the sphenoid.) Bull. Ass. Ant. (Nancy), 1970, 147, 224-229.

111.73 Kinzey, W. G. Basic rectangle of the mandible. Nature (Lond.), 1970, 228, 289-290.

111.74 Angst, R. Uber die Schadelkamme der Primaten, (Concerning the skull-crest in primates.) Natur u. Mus., 1970, 100, 293-302.

112.00 Osteology, Arthrology and Syndesmology
(special morphology)

112.1 Huxley, T.H. On the structure of the skull of man, the gorilla, the chimpanzee, and the orang-utan during the period of the first dentition. Proc. zool. Soc. Lond., 1864, 586.

112.2 Duhousset, E. Etude comparative du maxillaire inferieur de l'homme et de celui du singe. (Comparative study of the inferior maxillary bone in man and apes.) Bull. Soc. Anthrop. Paris., 1866, 1, 693-699.

112.3 Giglioli, E.H. Studii craniologici sui cimpanze. Allo scopo speciale di mostrare alcune particolarita presentate del cranio di un Troglodytes del Sande (Paese dei Niam-niam) Africa centrale. Con alcune conclusioni intorno al valore della specie tra gli Anthropomorfi. (Craniological studies of the chimpanzee. With a special purpose to demonstrate several particularities which were present in the cranium of the Troglodytes of Sande (country of Niam-niam) Central Africa, with several comparative notes about the craniology of simians and some conclusions about the value of the specie among the anthropoids.) Ann. Mus. Stor. nat. Genova, 1872, 3, 56-179.

112.4 Joseph, G. Morphologische Studien am Kopskelet des Menschen und der Wirbelthiere. (Morphological studies on the skull of humans and the vertebrates.) Breslau: W.G. Korn, 1873, 75 pp.

112.5 Anoutchine, D. Sur la conformation du pterion chez diverses races humaines et les primates. (On the formation of the pterion in diverse human races and primates.) Bull. Soc. Anthrop. Paris., 1878, 1, 330-333.

112.6 Doran, A.H.G. Morphology of the mammalian ossicula auditus. Trans. Linn Soc. Lond. Zool., 1878, 1, 371-497.

112.7 Giebel, C.G. Die Schaedeldifferenzen des Hylobates syndactylus, H. lar, und H. leuciscus. (The differences in the skulls of Hylobates syndactylus, H. lar, and H. leuciscus.) Z. Naturw., 1880, 53, 193-196.

112.8 von Waldheim-Fischer, G. Ueber die verschiedene Form des Intermaxillarknochens in versschiedenen Thieren. (The varying form of the intermaxillary bone in various animals.) Leipzig: Schaferschen Buchhandlung, 1880, 151 pp.

112.9 Thomson, A. The orbito-maxillary frontal suture in man and the apes with notes on the varieties of the human lachrymal bone. J. Anat., 1890, 24, 349-357.

112.10 Maggi, L. Il canale cranio-faringeo negli anthropodi. (The cranio-pharyngeal canal in the anthropoids.) R. C. Ist. lombardo, 1891, 24, 138-149; Arch. Anthrop. Etnol., 1891, 21, 53-64.

112.11 Maggi, L. I mesognati asinchiti nei giovani antropoidi. (The mesognathic types in young anthropoids.) R. C. Ist. lombardo, 1891, 24, 993-999.

112.12 Bianchi, S. Sur la division de l' "os plannum", de l'ethmoide dans le crane de l'homme et des anthropoides et sur la nonexistence de l'os lacrymal posterieur chez quelques mammiferes. (On the division of the planum bone and the ethmoid in the skull of man and the anthropoids and on the nonexistence of the posterior lacrymal bone in some mammals.) Arch. ital. Biol., 1895, 24, 310-311.

112.13 Regnault, F. Suture lacrimo-ethmoidale. (Suture of the lacrimoethmoidale.) Bull. Soc. Anthrop. Paris., 1894, 5, 413-419.

112.14 Ranke, J. Der Stirnfortsatz der Schlaefenschuppe bei den Primaten. (The frontal process of the temporal squama in primates.) S. B. bayer, Akad. Wiss., 1898, 28, 227-270.

112.15 Zeiller, J. Beitraege zur Anthropologie der Augenhohle. Anthropologische Untersuchungen ueber die Augenhoele bei Mensch und Affen. (Contributions to the anthropology of the orbital cavity. Anthropological research on the orbital cavity of humans and apes.) Inaug. Diss. (Phil), Munchen, 1899, 96 pp.

112.16 Waruschkin, A. Ueber die Profilierung des Gesichtsschaedels. (Horizontale Messungen am Gesichtsschaedel). (The profilization of the facial skull. "Horizontal measurements on the facial skull.") Arch. Anthrop. Braunschwe., 1900, 26, 373-448.

112.17 Hrdlicka, A. A bilateral division of the parietal bone in a chimpanzee; with special reference to the oblique sutures in the parietal. Bull. Amer. Mus. nat. Hist., 1900, 13, 281-295.

112.18 Maggi, L. Di un carattere osseofacciale dei giovani gorilla. (About a special facial bone characteristic of the young gorilla.) R. C. Ist. lombardo, 1901, 34, 547-556. Abstr: Monit zool. ital., 1901, 12, 204-205.

112.19 Maggi, L. Nuovi ossicini craniali negli anthropoidi e loro significato morfologico. (About new cranial ossicles in the anthropoids and their morphological significance.) R. C. Ist. lombardo, 1901, 34, 147-163.

112.20 Keith, A. Inflation of the nasal canal in the skulls of adult gorillas and chimpanzees, and the relative development of the sinus maxillaris and inferior meatus in man and apes. J. Anat., 1902, 36, 47-51.

112.21 Koczian, L. Ueber den Bau der Augenhoele der Primaten. (The structure of the orbital cavity of primates.) Allatt. Kozlem, 1908, 7, 186-214, 236.

- 112.22 Hrdlicka, A. Divisions of the parietal bone in man and other mammals. Bull. Amer. Mus. nat. Hist., 1903, 19, 231-286.
- 112.23 Schwalbe, G. Sulla suture metopica nei primati. (About the frontal suture in the primate.) Atti. Soc. romana Anthrop., 1904, 10, 159-181.
- 112.24 Schwalbe, G. Ueber die Stirnnaht, bei den Primaten. (The frontal suture in primates.) Z. Morph. Anthrop., 1904, 7, 502-523.
- 112.25 Stratz, C. H. Das Verhaltnis zwischen Gesichts und Gehirnschaedel beim Menschen und Affen. (The relation between facial and cranial skull in humans and monkeys.) Arch. Anthrop., 1905, 31, 85-93.
- 112.26 Toldt, C. Der Winkelfortsatz der Unterkiefers beim Menschen und bei den Säugetieren und die Beziehungen der Kaumuskeln zu demselben. (The angular process of the mandible in humans and in the mammals and the relations of the chewing muscles to it.) S. B. Akad. Wiss. Wien., 1905, 114, 315-476.
- 112.27 Schlaginhaufen, O. Ein Canalis craniopharyngeus persistens an einem Menschenschaedel und sein Vorkommen bei den Anthropoiden. (A persistent craniopharyngeal canal in a human skull and its existence in the anthropoids.) Anat. Anz., 1907, 30, 1-8.
- 112.28 Mollison, T. Rechts und Links in der Primatenreihe. (Right and left in the primate series.) Korrbl. deutsch. Ges. Anthrop. Branunschweig, 1908, 39, 112-115.
- 112.29 Underwood, A. S. An inquiry into the anatomy and pathology of the maxillary sinus. J. Anat., 1910, 44, 354-369.
- 112.30 Patten, C. J. Cranium of a chimpanzee showing metopic suture; also fontanelle and suture bone plates. J. Anat., 1911, 46, 33-35.
- 112.31 Patten, C. J. Cranium of an adolescent chimpanzee showing bilateral and symmetrical complete bipartite division of the parietals with multipartite division of the upper segments, with remarks on the significance of parietal division. Z. Morph. Anthrop., 1912, 14, 521-608.
- 112.32 Puccioni, N. Richerche sulla forma del mento e dell'incisura sigmoidea negli uomini e nelle scimmie. (Study on the form of the chin and the sigmoid fissure in simians.) Arch. Anthrop. Etnol., 1913, 43, 98-134.
- 112.33 Ranke, J. Ueber Schaedelnaehte und basale Fugen bei Menschen und Menschenaffen. (Coronal sutures and basal fissures in humans and anthropoid apes.) S. B. bayer. Akad. Wiss., 1913, 397-460.
- 112.34 Jentsch, E. Die Apophysis lemurica. (The apophysis lemurica.) Z. Morph. Anthrop., 1914-1915, 17, 135-172.

112.35 von Waldeyer-Hartz, W. wie Intraparietalnaehte. (The intraparietal suture.) Abh. preuss. Akad. Wiss. Physikmath. Kl., 1917, 2, 69 pp.

112.36 Bolk, L. Die Topographie der Orbita beim Menschen und Anthropoiden und ihre Bedeutung fuer die Frage nach der Beziehung zwischen Menschen und Affenschaedel. (The topography of the orbits of man and anthropoids and its importance for the relationships between human and simian craniums.) Verh. Akad. Wet., Amst., 1919, 20, 54 pp.

112.37 Bolk, L. De topographische verhoudingen der orbitae in jonge en volwassen schaedels van den Mensch en de menschappen. Versl. gewone Vergad. Akad. Amst., 1918, 26, 1364-1373. On the topographical relations of the orbits in infantile and adult skulls in man and apes. Proc. Acad. Sci. 1919, 21, 277-285.

112.38 Reichenow, E. Den Wiederkaeuer-infusorien verwandte Formen aus Gorilla und Schimpanse. (The ruminant infusoria related forms of gorilla and chimpanzee.) Arch. Protistenk., 1920, 41, 1-33.

112.39 Bolk, L. Over de beteekenis der voorhoofdslijsten bis de primaten. Versl. gewone Vergad. Akad. Amst., 1922, 31, 31-27. On the significance of the supra-orbital ridges in the primates. Proc. Acad. Sci. Amst., 1923, 25, 16-21.

112.40 Remane, A. Das Stirnnahtproblem. (Eine Entgegnung an Bolk). (The frontal suture problem. "A reply to Bolk.") Z. Morph. Anthropol., 1923, 23, 153-178.

112.41 Weidenreich, F. Die Sonderform des Menschenschaedels als Anpassung an den aufrechten Gang. (The exceptional form of the human skull as accommodation for erect carriage.) Z. Morph. Anthropol., 1924, 24, 157-189.

112.42 Collins, H.B., Jr. The pterion in primates. Amer. J. phys. Anthropol., 1925, 8, 261-274.

112.43 Hecker, P., & Grunwald, E. Le trou grand rond. Etude d'anatomie comparee. Disposition chez les mammifères supérieurs (prosimiens, simiens et espèce humaine). (The foramen magnum. Study of comparative anatomy. Disposition in the superior mammals; Prosimians, simians, and especially humans.) C. R. Soc. Biol., 1926, 94, 1358-1361.

112.44 Naef, A. Zur Morphologie und Stammesgeschichte des Affenschaedels. (Morphology and phylogeny of the monkey skull.) Naturwissenschaften, 1926, 14, 89-97.

112.45 Remane, A. Der Verschluss der Intermaxillarnaht bei den Anthropoiden. (The closing of the intermaxillary suture in the anthropoids.) Anthrop. Anz., 1927, 4, 46-55.

112.46 Weinert, H. Die kleinste Interorbitalbreite als stammesgeschichtliches Merkmal. (The smallest interorbital width as a phylogenetic characteristic.) Z. Morph. Anthropol., 1927, 26, 450-488.

- 112.47 Jazuta, K. Das Foramen spinosum als ein phylogenetisches Merkmal. (The foramen spinosum as a phylogenetic characteristic.) Anat. Anz., 1930, 70, 212-213.
- 112.48 Boyd, G.I. The emissary foramina of the cranium in man and the anthropoids. J. Anat., 1930, 65, 108-121.
- 112.49 Massari, C. Osservazioni sull'apertura piriforme. (Observations about the apertura piriformis.) Arch. Antrop., Etnol., 1930-31, 60-61, 303-337.
- 112.50 von Haussen, H.O. Ueber die relative Lage des Kefergelenkes am Schaedel der Primaten. (The relative position of the maxillary joint on the skull of primates.) Z. Morph. Anthropol., 1931, 29, 465-497.
- 112.51 Ashley-Montagu, M.F. The anthropological significance of the pterion in the primates. Amer. J. phys. Anthropol., 1933, 18, 159-336.
- 112.52 Laugier, P. Le rond pronateur. Ses rapports avec le foramen supracondyloideum. Etude d'anatomie comparee. (The pronator teres. Its relation with the foramen supracondyloideum. Study of comparative anatomy.) Arch. Anat., 1933, 16, 93-134.
- 112.53 Boyd, G.I. The emissary foramina in the cranium in primates. J. Anat., 1934, 69, 113-117.
- 112.54 Pittard, J.J. Le poids du crane et de la mandibule et l'indice craniomandibulaire des anthropoides (Gorillas, orangs, and chimps). (The weight of the cranium and of the mandible and the cranio-mandibular indices of anthropoids. Gorillas, orangs, and chimps.) Verh. Schweiz Naturf. Ges., 1935, 116, 350-351.
- 112.55 Wegner, R.N. Sonderbildungen der Kieferhoehle bei Anthropoiden. (Special structures of the maxillary sinus in anthropoid apes.) Anat. Anz., 1936, 83, 161-193.
- 112.56 Clark, W.E.L., Cooper, D.M., & Zuckerman, S. The endocranial cast of the chimpanzee. J. roy. Anthropol. Inst., 1936, 66, 249-268.
- 112.57 Ashley-Montagu, M.F. The medio frontal suture and the problem of metopism in the primates. J. roy. Anthropol. Inst., 1937, 67, 157-201.
- 112.58 Bauermeister, W. Die Penumatisierung des Schaedels bei den anthropoiden und dem Gibbon und ihre Bedeutung fuer die menschliche Abstammungslehre. (The pneumatization of the skull in the anthropoid apes and the gibbon and its significance for the origin of humans.) Zeitschr. Morph. u. Anthropol., 1939, 38, 90-121.
- 112.59 Schultz, A.H. The size of the orbit and of the eye in primates. Amer. J. phys. Anthropol., 1940, 26, 389-408.

112.60 Cave, A.J.E., & Haines, R.W. The paranasal sinuses of the anthropoid apes. J. Anat., 1940, 7, 493-525.

112.61 Schultz, A.H. Conditions for balancing the head in primates. Amer. J. phys. Anthropol., 1942, 29, 483-497.

112.62 Cave, A.J.E. Notes on the nasal fossa of a young chimpanzee. Proc. zool. Soc., London, 1949, 119, 61-63.

112.63 Ashton, E.H., & Zuckerman, S. Age changes in the position of the occipital condyles in the chimpanzee and gorilla. Amer. J. phys. Anthropol., 1952, 10, 277-288.

112.64 Ashton, E.H., & Zuckerman, S. The anatomy of the articular fossa (Fossa mandibularis) in man and apes. Amer. J. phys. Anthropol., 1954, 12, 29-61.

112.65 Schultz, A.H. The position of the occipital condyles and of the face relative to the skull base in primates. Amer. J. phys. Anthropol., 1955, 13, 97-120.

112.66 Giles, E. Cranial allometry in the great apes. Hum. Biol., 1956, 28, 43-58.

112.67 Petit-Maire-Heintz, N. Etude comparative de la croissance de la mandibule chez l'homme et les singes anthropoides. Position des mandibules d'hommes fossiles par rapport a ces formes actuelles. (A comparative study of the growth of the mandible among men and the anthropoid apes. The position of the mandibles of fossil man in relation to their actual formation.) Mem. Inst. Sci. nat. Belg., 1958, 139, 1-64.

112.68 Jordan, J. Ligament thyro-hyoidien lateral et le cartilage tritice chez l'homme, chez l'singes et plusieurs mammiferes inferieurs. (The lateral thyro-hyoid ligament and the triticeous cartilage in man, in the apes, and several inferior mammals.) Acta. biol. med. Gdansk., 1960, 4, 25-38.

112.69 Straus, W.L., Jr. The subarcuate fossa in primates. Anat. Rec., 1960, 138, 93-103.

112.70 Delattre, A. & Fenart, R. Etude comparee du deplacement ontogenique de basion des mammiferes dans les axes vestibulaires. (Comparative study of the Ontogenetic Displacement of the Basion of Mammals in the Vestibular Axes.) Bull. Ass. Anat. (Nancy), 1965, 125, 522-526.

112.71 Angst, R. Uber die Beziehung der Offnungsrichtung der Augenhohlen zur Lage des Planum sphenoideum bei den Menschenaffen. (Concerning the relationship of the opening orientation of the eye sockets to the location of the Planum sphenoid in anthropoid apes.) Naturwissenschaften, 1965, 52, 115.

112.72 Vogel, C. Morphologische Studien am Gesichtsschadel catarrhiner Primaten. (Morphological study of the eye socket in catarrhine primates.) Bibl. primat., 1966, 4, 1-226.

112.73 Ozhigova, A.P. [Quantitative myeloarchitectonics of cortical area 17 in primates.] Arkh. Anat. Gistol. Embriol., 1965, 49(8), 13-21. Engl. trans.: Fed. Proc., 1966, 25, T555-T558. Abstract: Excerpta med. (Amst.), 1966, 20, (Sect. 1); #3219, Biol. Abstr., 1966, 47, #87113.

112.74 Ernst, T. & Inke, G. Die Bisslagen-und Stellungsanomalien beim Affen im Vergleich zur menschlichen Pathologie. (Biting Sites and Positional Anomalies in Apes Compared to Human Pathology). Fortschr. Kieferorthop., 1966, 27, 247-253.

112.75 Krukoff, S. Separation de l'Euryon et de la bosse parietale et agrandissement transversal du crane en fonction de la position de cette bosse chez l'homme et le chimpanze. (Separation of the Euryon and the Parietal Lobe and Transverse Enlargement of the Cranium as a Function of the Position of this Lobe in Man and Chimpanzee.) C.R. Acad. Sci. (Paris), 1967, 265, 1492-1495.

112.76 Fenart, R., Destombes, P. & Empereur-Buisson, R. Etude du crane d'un chimpanze hydrocephale par la methode vestibulaire. (Study of the Cranium of a Hydrocephalous Chimpanzee by the Vestibular Method.) Bull. Ass. Anat. (Nancy), 1968, 139, 1245. Abstract: Excerpta med. (Amst.), 1968, 22, (Sect. 1), #4465.

112.77 Fenart, R. & Deblock, R. La sphere "bi-parietale" de l'homme et des chimpanzés: Etude vestibulaire. (The "Bi-Parietal" Sphere of Man and Chimpanzees: Vestibulary Study.) Bull. Ass. Anat. (Nancy), 1968, 53, 864-872.

112.78 Hofer, H.O. On the evolution of the craniocerebral topography in primates. Ann. N.Y. Acad. Sci., 1969, 162, 15-24.

112.79 Pineau, H. La courbure des os de la voute du crane sa determination et son interpretation dans l'analyse du comportement des primates. (The curvature of the arch of the skull: its determination and interpretation in the analysis of the behavior of primates.) Biomet. hum., 1968, 3, 31-47. Abstract: Biol. Abstr., 1970, 51, #37006.

112.80 Deblock, R. & Fenart R. Systematisation de la forme des parietaux de l'homme et des chimpanzés. (Cataloging the shape of the parietal bones in man and in chimpanzees.) Bull. Acad. Soc. Lorraines Sci., 1970, 9, 343-349.

112.81 Petit-Marie Heintz, N., Dricot, C. & Dricot, J.M. Croissance relative des parties sus et sour-iniaques de l'ecaille occipitale chez les singes cynomorphes, les pongides et les hominides actuels et fossiles. (Growth relative to the parts and protuberances of the occipital skull in the kingdom of monkeys, ponginoids and actual and fossilized humans.) Bull. Soc. Anthropol. Paris, 1970, (12)6, 295-306.

112.82 Ehara, A. & Seiler, R. Die Strukturen der Überaugenregion bei den
Primaten, Deutungen und Definitionen. (Interpretation and definition of
the structure of the upper eye area in the primate.) Z. Morph. Anthropol.,
1970, 62, 1-29.

113.00 Osteology, Arthrology and Syndesmology
(craniometry)

- 113.1 Giglioli, E.H. Studie Craniologici sui Cimpanse. (Craniological studies with the chimpanzee.) Ann. Mus. Civ di Storia Nat Genova, 1872, 3, 56-179.
- 113.2 Lissauer, A. Untersuchungen ueber die sagittale Kruemmung des Schaedels bei den Anthropoiden und den verschiedenen Menschenrassen. (Research on the sagittal curvature of the skull of the anthropoid apes and the various human races.) Arch. Anthrop. Braunschwe., Braunschweig, 1885, 15, 9-120.
- 113.3 Frassetto, F. Notes de craniologie comparee. (Notes on comparative craniology.) Ann. Sci. nat. Zool., 1903, 17, 143-363.
- 113.4 Jacoby, W. Unterschiede am Schaedel des Schimpansen, Gorilla und Orang Utan. (Differences in the skulls of the chimpanzees, gorilla, and orangutan.) Z. Morph. Anthrop., 1903, 6, 251-284.
- 113.5 Duckworth, W.L.H. Measurements on the cranium bisected in the medial sagittal plane. Stud. Anthrop. Lab. Anat. Sch., Cambridge, 1904, 80-90.
- 113.6 Bolk, L. Over de helling van het foramen magnum bij de primaten. Versl. gewone. Vergad. Akad. Amst., 1909, 18, 551-560. (On the slope of the foramen magnum in primates.) Proc. Acad. Sci. Amst., 1909, 12, 525-534.
- 113.7 Keith, A. Description of a new craniometer and of certain age changes in the anthropoid skull. J. Anat., 1910, 44, 251-270.
- 113.8 Oppenheim, S. Zur Typologie des Primatencranium. (Typology of the primate cranium.) Z. Morph. Anthrop., 1911, 14, 1-203.
- 113.9 Mollison, T. Zur Beurteilung des Gehirnreichtums der Primaten nach dem Skelett. (Toward judgment of brain abundance of primates according to the skeleton.) Arch. Anthrop. Braunschwe., 1915, 41, 388-396.
- 113.10 Bolk, L. Ueber Lagerung, Verschiebung, und Neigung des Foramen magnum am Schaedel der Primaten. (Arrangement, displacement, and inclination of the foramen magnum in the skull of primates.) Z. Morph. Anthrop., 1915, 17, 611-692.
- 113.11 Hoff, P. Rapports des differentes largeurs et de la longeur des trois etages du crane. (Reports of the different width and of the length of the three stages of the cranium.) Anthropologie, 1922, 32, 453-479.
- 113.12 Delattre, A. L'asymetrie des axis de primates. (The asymmetry of the primate's axis.) Bull. Soc. Anthrop., Paris, 1923, 7, 7.

113.13 Bounak, V. Des cretes sur les cranes des primates. (The crests on the skull of primates.) Russ. anthrop. Zh., 1924, 12, 5-24.

113.14 Dschawachischwili, G. Ueber einige Quermasse am Affen und Menschenshaedel. (Some lateral measurements on monkey and human skulls.) Bull. Univ. Tiflis, 1924, 4. Abstr: Anthrop. Anz., 1925, 2, p. 157.

113.15 Hagedoorn, A. Schaadelkapazitaet der Anthropomorphen. (Skull capacity of the anthropoid apes.) Anat. Anz., 1926, 60, 417-427.

113.16 Warren, E. Craniometric data of the immature skull of a female chimpanzee. Ann. Natal Mus., 1926, 5, 403-409.

113.17 Cameron, J. The main angle of cranial flexion (the nasion-pituitary-basion angle). Craniometric studies No. 5, 6, and 7. A new cranial angle: its significance in man, anthropoids and lower mammals. Amer. J. phys. Anthrop., 1927, 10, 275-292.

113.18 Cameron, J. Researches in craniometry, nos. 3 and 4. Trans. roy. Soc. Can., 1927, 21, 395-419.

113.19 Cameron, J. Researches in craniometry, nos. 5 through 8, and 10, 11, and 12. Trans. roy. Soc. Can., 1928, 22, 25-121.

113.20 Jupitz, R. Ueber das Verhalten der drei Schaedelgruben beim Menschen und bei den Anthropomorphen. (The proportions of the three cranial cavities of humans and of the anthropoids.) Anthrop. Anz., 1929, 6, 162-166.

113.21 Cameron, J. Researches in craniometry, nos. 14 through 23. Trans. roy. Soc. Can., 1929, 23, 103-142; 199-251.

113.22 von Arx, M. Die Graphostatik und Kinematik in der Entwicklungslehre. Mathematisch-vergleichende Studien am Mammut-Schimpanse, und Menschenshaedel. (The drawings to solve statics problems and dynamics in the doctrine of evolution. Mathematical-comparative studies on the mammoth chimpanzee, and human skulls.) Z. Anat. Entw. Gesch., 1929, 91, 304-328.

113.23 Cameron, J. The subnasion. A new cranial point. Its significance in modern and fossile man, the anthropoids, and the lower mammals. Craniometric studies No. 24. Amer. J. phys. Anthrop., 1930, 14, 33-40.

113.24 Cameron, J. Craniometric memoirs No. II. The human and comparative anatomy of Cameron's crano-facial axis. J. Anat., 1930, 64, 324-336.

113.25 Cameron, J. Cramiometric memoirs No. III. The superior gnathic triangle. A new cranial triangle. Its significance in modern and fossile man, the anthropoids, and lower mammals. J. Anat., 1930, 65, 122-136.

113.26 Cameron, J. Researches in craniometry, nos. 24 through 27. Trans.
roy. Soc. Can., 1930, 24, 1-52.

113.27 Fumagalli, S. Peso volume e capacita del cranio in alcune serie umane e di primati. (Weight, volume, and capacity of the cranium in several human and anthropoid groups.) Riv. Anthropol., 1930-32, 29, 81-137.

113.28 Cameron, J. The interorbital width. A new cranial dimension. Its significance in modern and fossile man and in lower mammals. Craniometric studies No. 28. Amer. J. phys. Anthropol., 1931, 15, 509-519.

113.29 Cameron, J. Correlation between the interorbital width and the nasal width of the skull. Craniometric studies No. 29. Amer. J. phys. Anthropol., 1931, 15, 520-523.

113.30 Cameron, J. The inferior frontal triangle. A new cranial triangle. Craniometric studies No. 33. Amer. J. phys. Anthropol., 1932, 17, 99-110.

113.31 Cameron, J. The inferior frontal triangle as an index of evolutionary activity in the region of the frontal cranial arc. Craniometric studies No. 35. Amer. J. phys. Anthropol., 1932, 17, 117-121.

113.32 Cameron, J. Three new cranial indices. The relative proportions of the three sides of the inferior frontal triangle in man and the anthropoids. Craniometric studies No. 34. Amer. J. phys. Anthropol., 1932, 17, 111-116.

113.33 Hara, S. Vergleichende Untersuchungen ueber einen planimetrischen Cranio-Facial index. (Comparative research on a planimetric cranio-facial index.) Z. Morph. Anthropol., 1932, 30, 571-585.

113.34 Senyurek, M.S. Cranial equilibrium index. Amer. J. phys. Anthropol., 1938, 24, 23-41.

113.35 Bondy, E. Der Aufbau der lateralen Orbitalwand. (The structure of the lateral orbital wall.) Mitt. anthropol. Ges. Wien, 1938, 68, 292-298.

113.36 Grimm, J. Schaedelproportionen und absolute Groesse in den Primaten. (Cranial proportions and absolute size in the primates.) Z. Rassenk., 1939, 9, 6-26, 103-131.

113.37 Schultz, A.H. The relative size of the cranial capacity in primates. Amer. J. phys. Anthropol., 1941, 28, 273-287.

113.38 Ashton, E.H. The endocranial capacities of the Australopithecinae. Proc. zool. Soc. Lond., 1950, 120, 715-721.

- 113.39 Vallois, H.V. La capacite cranienne chez les primates superieurs et le "rubicon cerebral." (The cranial capacity in the superior primates and the "cerebral rubicon.") C. R. Acad. Sci., 1954, 238, 1349-1351.
- 113.40 Straus, W.L., Jr., & Schon, M.A. Cranial capacity of Oreopithecus bambolii. Science, 1960, 132, 670-672.
- 113.41 Jacobi, A. Die Groessenverhaeltnisse der Schaadelhoehle und der Gesichtshoehlen bei den Menschen und Anthropoiden. (The gross relationships of the skull cavity and the facial sinuses of humans and the anthropoids.) Inaug. Diss. (Phil.) Doctoral dissertation in philosophy at Leipzig. Berlin: Rosenthal & Co., 99 pp.
- 113.42 Schultz, A.H. The cranial capacity and the orbital volume of hominoids according to age and sex. Pp. 337-357 in Homenaje a Juan Comas en su 65 Aniversario, vol. 2. Mexico, Libros de Mexico, 1965.
- 113.43 Heintz, N. La courbure des os de la voute du crane chez les Hominides: evolution, variabilite. (The curve of the bone in the cranial arch in Hominoids.) C. R. Acad. Sci. (Paris), 1966, 262, 1523-1526.
- 113.44 Sneath, P.H.A. Trend-surface analysis of transformation grids. J. Zool., 1967, 151, 65-122.
- 113.45 Angst, R. Beitrag zum Formwandel des Craniums der Ponginen. (Contribution to the Change in Shape of the Cranium of Pongids.) Z. Morph. Anthrop., 1967, 58, 109-151.
- 113.46 Tobias, P.V. Cranial capacity in anthropoid apes, Australopithecus and Homo habilis, with comments on skewed samples. S. Afr. J. Sci., 1968, 64, 81-91.
- 113.47 Creel, N. & Preuschoft, H. Hominoid taxonomy. A canonical analysis of cranial dimensions. Pp. 36-43 in Proceedings of the third international congress of primatology, Zurich 1970, vol. 1, J. Biegert & W. Leutenegger, eds. Basel, S. Karger, 1971.
- 113.48 Tobias, P.V. The distribution of cranial capacity values among living hominoids. Pp. 18-35 in Proceedings of the third international congress of primatology, Zurich 1970, vol. 1, J. Biegert & W. Leutenegger, eds. Basel, S. Karger, 1971.

114.00 Osteology, Arthrology and Syndesmology
(anomalies of the skull)

114.1 von Bischoff, T.L.W. Ueber Brachcephalie und Bracyencephalie des Gorilla und der anderen Affen. (On bracycephaly and bracyencephaly of the gorilla and the other apes.) S. B. bayer, Akad. Wiss., 1881, 11, 379-390.

114.2 Chudzinski, T. Les anomalies des os propres du nez chez les anthropoides, et principalement chez les orangs. (The anomalies of the proper bones of the nose in anthropoids and principally in the orang.) Bull. Soc. Anthrop. Paris, 1893, 4, 788-791.

114.3 Manouvrier, L. Memoire sur les variations normales et les anomalies des os nasaux dans l'espece humaine. (Notes on the normal variations and the anomalies of the nasal bone in humans.) Bull. Soc. Anthrop. Paris, 1893, 4, 712-747.

114.4 Remane, A. Nahtanomalien an Anthropoidenschaedeln. I. Zwei neue Faelle von geteiltem Scheitelbein. (Suture anomalies on anthropoid ape skulls. I. Two new instances of separated parietal bones.) S. B. Ges. naturf. Fr. Berl., 1920, 41-48.

114.5 Remane, A. Nahtanomalien an Anthropoidenschaedeln. II. Uberzaehlige Schaedelnaehte im Bereiche des Stirnbeins. (Suture anomalies on anthropoid ape skulls. II. Supernumerary skull sutures in the area of the frontal bone.) S. B. Ges. naturf. Fr. Berl., 1921, 37-46.

114.6 Remane, A. Nahtanomalien an Anthropoidenschaedeln. III. Das Vorkommen des Inkabeins bei Anthropoiden. (Suture anomalies on anthropoid ape skulls. III. The presence of the incus bone in anthropoid apes.) S. B. Ges. naturf. Fr. Berl., 1921, 122-129.

114.7 Peters, H.B. Ueber Nahtanomalien und Variationen am Primaten Cranium. (Suture anomalies and variations of the primate cranium.) Z. Morph. Anthrop., 1932, 30, 317-372.

115.00 Osteology, Arthrology and Syndesmology
(cranial bones)

- 115.1 Owen, R. Osteological contributions to the natural history of the chimpanzees (Trog.) and orangs (Pithecius). Nov. V. Comparison of the lower jaw and vertebral column of the trog. gorilla, trog. niger, Pithecius satyrus, and different varieties of the human race. Trans. zool. Soc. Lond., 1851, 4, 89-115.
- 115.2 Gegenbaur, C. Ueber die Pars facialis des Lacrymale des Menschen. (The facial portion of the lacrimal bone of humans.) Morph. Jb., 1882, 7, 173-176.
- 115.3 Bianchi, S. Sulla divisione dell'os planum dell etmoide nel cranio dell'uomo e degli antropoidi. (About the structure of plane portion of the ethmoid bone of the skull in man and anthropoids.) Archiv. Ital. Biol., 1895, 25, 310.
- 115.4 Haberer, A. Ueber die Norma occipitalis bei Mensch und Affe. (on the norma occipitalis of man and monkey.) Inaug-diss. (Inaugural dissertation) Munchen: Kastner & Lossen, 1899, 85 pp.
- 115.5 Ranke, J. Die ueberzaehligen Hautknochen des menschlichen Schaedeldachs. (The supernumerary membranous bones of the human calvaria.) Abh. bayer. Akad. Wiss., 1899-1900, 20, 275-464.
- 115.6 Ranke, J. Ueber den Zwischenkiefer. (The intermaxillary bone.) Korresp. Bl. dtsch. Ges. Anthrop., 1901, 32, 96-102.
- 115.7 LeDouble, A. Du redressement de la courbure a concavite inferieure et de l'etat rectiligne de l'articulation squamoparietale. (The straightening of the curve of the inferior concavity and the rectangular state of the squamaparietal articulation.) C. R. Ass. Anat., 1902, 4, 213-215.
- 115.8 Schneider, A. Ein Beitrag zur Anatomie der Scheitelbeine des Menschen und der Affen. (A contribution to the anatomy of the parietal bones of humans and monkeys.) Inaug. Diss. (Med.), Strasbourg: C. & J. Goeller, 1902, 143 pp.
- 115.9 Walkhoff, O. Der Unterkiefer der Anthropomorphen und des Menschen in seiner funktionellen Entwicklung und Gestalt. (The mandible of anthropoid apes and humans in its functional development and form.) Stud. Entw. Gesch. Tiere, 1902, 3, 207-327.
- 115.10 Anderson, R.J. The premaxilla in primates. 14th Int. Congr. Med., Madrid, 1903, 147-154.

- 115.11 Bovero, A., & Calamida, U. *Canali vesosi emissari temporali squamosi e petrosquamosi.* (About the canals of the squamous and petro-squamous portion of the temporal bone.) *Mem. R. Acad. Torino*, 1903, 53, 159-260.
- 115.12 Berg, W. *Zur Corrosionsanatomie des Schlaefenbeins der Affen.* (On the corrosion preparation anatomy of the temporal bone of monkeys.) *Z. Morph. Anthrop.*, 1903, 5, 315-345.
- 115.13 van Kampen, P.N. *Die Tympanalgegend des Säugetierschädelns.* (The tympanic region of the mammalian skull.) *Morph. Jb.*, 1905, 34, 321-722.
- 115.14 Lubosch, W. *Ueber Variationen am Tuberculum articulare des Kiefergelenks des Menschen und ihre morphologische Bedeutung.* (Variations at the articular tubercle of the maxillary joint of humans and their morphological significance.) *Gegenbaurs Jb.*, 1906, 35, 322-353.
- 115.16 Anderson, R.J. Some notes on the mandible and jugal in primates. *15th Int. Congr. Med.*, Lisbonne, 1906, 291-308.
- 115.16 Weber, A. *Le trou ovale du sphenoïde chez les singes et chez l'homme.* (The oval hole of the sphenoid bones in apes and man.) *C. R. Soc. Biol.*, 1907, 63, 236-238.
- 115.17 Anderson, R.J. The occipital bone in primates. *Int. Mschr. Anat. Physiol.*, 1907, 27, 73-82.
- 115.18 Anderson, R.J. Some notes on the hard palate and maxilla in primates. *Brit. med. J.*, 1908, 2, 596.
- 115.19 Bolk, L. *Over de ligging en verschuwing van het foramen magnum bij de primaten.* *Versl. gewone Vergad. Akad. Amst.*, 1909, 18, 62-78. On the position and displacement of the foramen magnum in the primates. *Proc. Acad. Sci. Amst.*, 1909, 12, 362-377.
- 115.20 Anderson, R.J. The notes on the temporal bone in mammalia (chiefly in primates). *8th Int. Congr. Zool.*, Graz., 1910, 907-914.
- 115.21 Welker, F. *Anthropologische Untersuchungen ueber das Atlant-ooccipitalgelenk bei Menschen und Affen.* (Anthropological research over the atlanto-occipital joint of humans and apes.) *Inaug. Diss. (Phil.)*, Munchen: Schwabinger Druckerei, 1912, 94 pp.
- 115.22 Ranke, J. *Ueber das Interparietale und die Verknöcherung des Schäeldaches bei Affen.* (The interparietals and the ossification of the calvaria in monkeys.) *S. B. bayer. Akad. Wiss.*, 1913, 223-269.
- 115.23 Ryley, K.V., Bell, J., & Pearson, K. A study of the nasal bridge in the anthropoid apes and its relationship to the nasal bridge in man. *Biometrika*, 1913, 9, 391-445.

115.24 Colling, J. Anthropologische Untersuchungen ueber das Nasenskelett des Menschen. (Anthropological research on the nasal skeleton of humans.) Z. Morph. Anthrop., 1914, 17, 1-82.

115.25 Cohn, L. Der Processus frontalis des Schlaefenbeins. (The frontal process of the temporal bone.) Z. Morph. Anthrop., 1915, 19, 391-418.

115.26 Wegner, R.N. Zur Kenntnis des Gaumenbeines der Anthropoiden. (Toward knowledge of the palatine bone of anthropoids.) Z. Morph. Anthrop., 1915, 19, 1-26.

115.27 Simonton, F.V. Mental foramen in the anthropoids and in man. Amer. J. phys. Anthrop., 1923, 6, 413-421.

115.28 Forster, A. L'inclination du tympan (eardrum) chez les mammiferes superieurs et l'homme. (The inclination of the eardrum in the superior mammals and man.) Arch. Anat. Histol. Embryol., 1925, 4, 295-322.

115.29 Weinert, H. Die Ausbildung der Stirnhoehlen als stammesgeschichtliches Merkmal. Eine vergleichend-anatomische Studie mit einem Atlas der Stirnhoehlen und einem neuen Messzirkel zur Ermittelung der inneren Schadelmasse. (The formation of the frontal sinus as a phylogenetic characteristic. A comparative anatomical study including an atlas of frontal sinuses and a new circular gauge for the determination of the inner skull measures.) Z. Morph. Anthrop., 1925, 25, 243-357, 365-418.

115.30 Hofmann, L. L'os temporal des singes et ses cavites penumatiques. (The temporal bone of monkeys and its pneumatic cavities.) Arch. Anat., Strasbourg, 1926, 6, 141-186.

115.31 Hofmann, L. Zur Anatomie des Primaten-schlaefenbeines und seiner penumatischen Raeume unter Beruecksichtigung des menschlichen Schlaefenbeines. Ein Beitrag zur Lehre von der Pneumatisation des Schaedels. (Anatomy of the primate temporal bone and its pneumatic spaces in regard to the human temporal bone. A contribution to the pattern of pneumatization of the skull.) Mschr. Ohrenheilk., 1926, 60, 921-949.

115.32 Grzybowski, J. Etude sur les echancrures et les trous suborbitaires et sur les trous sousorbitaires chez les Primates. (Study of the openings and the suborbital holes and of the sub-suborbital holes in primates.) C. R. Soc. Sci., Varsovie, Cl. 3, 1927, 20, 481-503.

115.33 Sitsen, A. E. Beitrag zur Kenntnis des Sinus frontalis. (Contribution to knowledge of the frontal sinus.) Anthrop. Anz., 1931, 7, 208-235.

115.34 Forster, A. Etude de la morphogenese de l'apophyse mastoid. (Study of the morphogenesis of the mastoid apophysis.) Arch. Anat., Strasbourg, 1931, 13, 361-429.

115.35 Henchel, K.O. Vergleichend-anatomische Untersuchungen ueber die Struktur der Knochenkomplexe nach der Spaltlinienmethode. (Comparative anatomy research on the structure of the compact tissue of bones by the suture-line method.) Gegenbaurs Jb., 1931, 66, 22-45.

115.36 Weidenreich, F. Ueber pithekoide Merkmale bei Sinanthropus pekinensis und seine stammesgeschichtliche Beurteilung. (Pithecid characteristics of Sinanthropus pekinensis and their phylogenetic evaluation.) Z. Anat. Entw. Gesch., 1932, 99, 212-253.

115.37 Altmann, F., & Vermes, E. Zur Kenntnis des feineren baues des Schlaefenbeines der Menschenaffen. (Toward knowledge of the finer structures of the temporal bone of anthropoid apes.) Mschr. Ohrenheilk., 1933, 67, 1199-1246.

115.38 Aichel, O. Die Bulla nasolacrimalis des Gorilla. (The nasolacrimal bulla of the gorilla.) Z. Morph. Anthrop., 1934, 34, 21-40.

115.39 Imai, M. Anatomische und vergleichend-anatomische Untersuchungen der Orbita von Macacus cyclopsis und ihres Inhalts. (Anatomical and comparative anatomical research on the orbit of Macaca cyclopsis and its contents.) I. Ueber die Orbita. (On the orbit.) J. Med. Ass. Formosa, 1933, 32, 1643-1666; 33, 1-24. Jap. J. med. Sci. I. Anat., 1935, 5, 109.

115.40 Ashley-Montagu, M.F. The premaxilla in the primates. Quart. Rev. Biol., 1935, 10, 32-59, 181-208.

115.41 Pittard, E., & Pittard, J.J. Etude sur le development cranio-facial des gorillas, des orangs et des chimpanzes. Recherches comparatives sur la capacite cranienne, les poids craniens et mandibulaires et les surfaces triturantes des groupes molaires. Rapport des surfaces triturantes aux developpments encephaliques. (Study on the cranio-facial development of gorillas, orangs and chimpanzees. Comparative findings on the cranial capacities, the weight of skull and lower jawbone and the masticatory surface of the grinding teeth. The relationship between this masticatory surface and the development of the brain. Rev. suisse Zool., 1936, 43, 551-595.

115.42 Pittard, E., & Seylan, H.A. Le prognathisme, la capacite cranienne et l'aire du trou occipital chez les anthropoides. (The prognathism, the cranial capacity and the area of the foramen occipitale magnum.) Arch. Sci. phys. nat., 1937, 19, Suppl. 108-111.

115.43 Groth, W. Vergleichend-anatomische Untersuchung zur Frage der Entstehung des Warzenfortsatzes beim Menschen und den Menschenaffen. (Comparative anatomy research on the question of the genesis of the mammillary process in humans and the anthropoid apes.) Gegenbaurs Jb., 1937, 79, 547-599.

115.44 Woollard, H.H., & Harpman, A. Note on the internal architecture of the mandible. J. Anat., 1938, 72, 575-578.

- 115.45 Groth, W. Das Foramen Lacerum und der Einbau des Felsenbeins beim Menschen. (The foramen lacerum and the enclosure of the petrosal bone in humans.) Anat. Anz., 1941, 91, 97-121.
- 115.46 Ashley-Montagu, M.F. The mesethmoid-presphenoid relationships in the primates. Amer. J. phys. Anthropol., 1943, 1, 129-140.
- 115.47 Jackson, C.C.R. Roentgenologic evidence of pneumatization of temporal bones in primates (Gorilla and chimpanzee as compared with man). Laryngoscope, 1943, 53, 149-159.
- 115.48 Seipel, C.M. Trajectories of the jaws. Acta Odontol. Scand., 1948, 8, 81-191.
- 115.49 Ashton, E.H., & Zuckerman, S. The mastoid process in the chimpanzee and gorilla. Amer. J. phys. Anthropol., 1952, 10, 145-153.
- 115.50 Saban, R. L'os temporal des singes anthropomorphes. (The temporal bone of the anthropoid apes.) Ann. Sci. nat. Zool., 1952, 14, 25-86.
- 115.51 Ashton, E.H., & Zuckerman, S. The base of the skull in immature hominoids. Amer. J. phys. Anthropol., 1956, 14, 611-624.
- 115.52 Ashton, E.H., & Zuckerman, S. Age changes in the position of the foramen magnum in hominoids. Proc. zool. Soc. Lond., 1956, 126, 315-325.
- 115.53 Ashton, E.H., & Zuckerman, S. Cranial crests in the anthropoidea. Proc. zool. Soc. Lond., 1956, 126, 581-634.
- 115.54 Ashton, E.H. Age changes in the basicranial axis of the anthropoidea. Proc. zool. Soc. Lond., 1957, 129, 61-74.
- 115.55 Scott, J.H. The cranial base. Amer. J. phys. Anthropol., 1958, 16, 319-348.
- 115.56 Delattre, A., & Fenart, R. Remarques sur la morphogenese des orifices de la face retrotentoriale de l'os petreux humain. (Remarks on the morphogeny of the orificia of the facies retrotentorialis of the Os petrosum (petrous part of the temporal bone.) Bull. Soc. Anthropol., 1959, 10, 326-356.
- 115.57 Larsell, O. The accessory paraflocculus and petrosal lobule in primates. Anat. Rec., 1963, 145, 252.
- 115.58 Masali, M. & Chiarelli, B. Analisi morfometrica comparata degli ossicini dell'udito dei primati. II. L'incudine nelle scimmie del vecchio Mondo e nell'uomo. (Comparative Morphometric Analysis of the Hearing Bones in Primates. II. The Incus in Simians of the Old World and in Man.) Riv. Antrop., 1965, 52, 147-157.

115.59 Fenart, R. & Empereur-Buisson, R. Direction des apophyses pterygoïdes chez l'homme et les pongidés. (The direction of the Pterygoid Apophyses in Man and Pongids.) Bull. Ass. Anat. (Nancy), 1967, 138, 515-520.

115.60 Krukoff, S. Etude de la croissance transversale de l'os pariétal chez l'Homme et le chimpanzé en prenant le point d'ossification pour origine. (Study of the Transverse Growth of the Parietal Bone in Man and Chimpanzee, Beginning w. the Point of Ossification.) C. R. Acad. Sci. (Paris), 1969, 268, 2426-2429.

116.00 Skeleton As A Whole

- 116.1 Owen, R. On the comparative osteology of the orang and chimpanzee. Proc. zool. Soc. Lond., 1835, 1846, 2.
- 116.2 Owen, R. On the osteology of the chimpanzee and orangutan. Trans. zool. Soc. Lond., 1835, 1, 343-379.
- 116.3 deBlainville, H.M.D. The comparative osteography of the skeletal and dental system in the five classes of vertebrate animals, recent and fossile. Lancet, 1839-40, 1 & 2.
- 116.4 Kneeland, S. On the skeleton of the great chimpanzee, Troglodytes gorilla. Boston J. Nat. Hist., 1853, 6, 336-347.
- 116.5 Flower, W.H. An introduction to the osteology of mammalia. London: Macmillan & Co., 1870.
- 116.6 Bouvier, T. B. Contribution a l'etude de l'osteologie comparee du chimpanze. (Contribution to the study of comparative osteology in the chimpanzee.) Paris, 1879, 27 pp.
- 116.7 Duckworth, W.C.L. Notes on the osteology of gorilla savagei. Stud. Anthrop. Lab. Anat. Sch., Cambridge, 1904, 1, 31.
- 116.8 Pittaluga, R. Studi osteologici sulle scimmie anthropomorfe. (Osteological studies about the anthropoids.) Atti Soc. romana Anthrop., 1907, 13, 155-185.
- 116.9 Duckworth, W.L.H. Descriptive catalogue of specimens in the Museum of Human Anatomy: Part II. The comparative osteology of man and the higher apes. Cambridge: University, Press, 1908, 1-40.
- 116.10 Mascarenhas, C. Le pterion chez les Portugais. (The pterion in the Portuguese.) Arch. Anat., 1927, 6, 469-484.
- 116.11 Stamm, T.T. The constitution of the ligamentum cruciatum cruris. J. Anat., 1931, 66, 80-83.
- 116.12 Matyas, J., & Szabo, M. Das naehere Verwandtschaftsverhaeltnis des Menschen und der Anthropoiden auf Grund mikroosteologischer Untersuchungen auch mit Ruecksicht auf die feinere Knochenstruktur der Carnivoren und Ungulaten. (The kinship of humans and the anthropoid apes on the basis of microosteological research; also with regard to the finer bone structure of the carnivores and ungulates.) Z. Anat. Entw. Gesch., 1932, 97, 169-209.
- 116.13 Dehn, O. Zur Frage ueber die Bedeutung von Roentgenuntersuchungen des Knochensystems fur die vergleichende Anatomie. (The question of the significance of X-ray examinations of the bone system for comparative anatomy.) Fortschr. Rontgenstr., 1934, 49, 519-523.

- 116.14 Rainegeard, L. Note sur un anthropoïde africaine: Le Koula-Nguya. (Notes on an African anthropoid: the Koula-Nguya.) Mammalia, 1938, 2, 81-83.
- 116.15 Dechambre, E. L'évolution des primates et la théorie de la foetalization. (The evolution of the primates and the theory of foetalization.) Mammalia, 1948, 12, 27-41.
- 116.16 Nissen, H.W., & Riesen, A.H. Retardation in onset of ossification in chimpanzee related to various environmental and physiological factors. Anat. Rec., 1949, 105, 665-675.
- 116.17 Schultz, A.H. The relative weights of the skeletal parts in adult primates. Amer. J. Phys. Anthropol., 1962, 20, 1-10.
- 116.18 Kerley, E. R. Skeletal age changes in the chimpanzee. Tulane Stud. Zool., 1966, 13, 17-82.
- 116.19 Bergman, P. On the varieties of the human atlas. Folia Morph. (Warszawa), 1967, 26, 129-139.
- 116.20 Schultz, A.H. The skeleton of the chimpanzee. In G.H. Bourne, (Ed.), The Chimpanzee. Baltimore: University Park Press, 1969, Pp. 50-103.
- 116.21 Preuschoft, H. The mechanical basis of the morphological differences in the skeletons of apes and man. Pp. 160-170 in Proceedings of the second international congress of primatology, vol. 2, H.O. Hofer, (Ed.), Basel; S. Karger, 1969.
- 116.22 Kerley, E. R. Constitutional and skeletal research in the chimpanzee. Abstracts of symposium held at dedication of Delta Regional Primate Research Center, Covington, Louisiana.

117.00 Axial and Appendicular Skeleton
(General)

117.1 Mivart, St. G. Contributions towards a more complete knowledge of the axial skeleton in the primates. Proc. zool. Soc. Lond., 1865, 545-592.

117.2 Mivart, St. G. Contributions towards a more complete knowledge of the skeleton of the primates. Part I. The appendicular skeleton of Simia. Trans. zool. Soc. Lond., 1866, 6, 175-225.

117.3 Mivart, St. G. On the appendicular skeleton of the primates. Philos. Trans., 1867, 157, 299-429.

117.4 Hultkrantz, J.W. Das Ellenbogengelenk und seine Mechanick. Eine anatomische Studie. (The elbow joint and its mechanics. An anatomical study.) Jena: G. Fischer, 1897, 151 pp.

117.5 Bloch, A. Pourquoi les anthropoides ne sont-ils pas marcheurs bipedes? (Why are anthropoids not biped walkers?) Bull. Soc. Anthrop., Paris, 1900, 1, 233-240.

117.6 Malaguzzi, V.R. Il legamento biscorne de Caldini o costo-clavio-coracoideo nell'uomo e negli antropoidi. (The bicornate ligament of Caldini or costo-clavio-coracoid in the anthropoids.) Pathologica, 1914, 6, 605-611.

117.7 Appleton, A.P. On the hypotrochanteric fossa and accessory adductor groove of the primate femur. J. Anat., London, 1922, 56, 295-306.

117.8 Morton, D.J. Evolution of the human foot. Amer. J. Anthropol. 1924, 7, 1-52.

117.9 Straus, W.L., Jr. The development of the human foot and its phylogenetic significance. Amer. J. phys. Anthropol., 1926, 9, 427-438.

117.10 Straus, W.L., Jr. Growth of the human foot and its evolutionary significance. Contr. Embryol. Carneg. Instn., 1927, 19, 93-134.

117.11 Demeter, G., & Matyas, J. Mikroskopisch vergleichend-anatomische Studien an Roehrenknochen mit besonderer Ruecksicht auf die Unterscheidung menschlicher und tierischer Knochen. (Microscopic comparative anatomical studies on hollow bones with particular consideration to the discrimination of human and animal bones.) Z. Anat. Entw. Gesch., 1928, 87, 45-99.

117.12 Schultz, A.H. The skeleton of the trunk and limbs of higher primates. Hum. Biol., 1930, 2, 303-400.

- 117.13 Sieglbauer, F. Os marginale manus ulnare. (The ulnar marginal bone of the hand.) Wien. Klin. Wschr., 1931, 44, 832-838.
- 117.14 Sprecher, H. Morphologische Untersuchungen an der Fibula des Menschen unter Berücksichtigung anderer Primaten. (Morphological research on the fibula of humans with consideration of other primates.) Inaug. Diss. (Ph.D.) Zurich: (Ph.D.) O. Fusali, 1932, 10, 140.
- 117.15 Hrdlicka, A. The gluteal ridge and gluteal tuberosities (3rd trochanters). Amer. J. phys. Anthropol., 1937, 23, 127-198.
- 117.16 Fox, H. Notes on the skeleton of a chimpanzee found in the wild, with serious chronic inflammation of the posterior extremity. Rep. Penrose Lab., 1937, 18-25.
- 117.17 Stewart, T.D. Accessory sacro-iliac articulations in the higher primates and their significance. Amer. J. phys. Anthropol., 1938, 34, 43-59.
- 117.18 Straus, W. L., Jr. The posture of the great ape hand in locomotion and its phylogenetic implications. Am. J. phys. Anthropol., 1940, 27, 199-207.
- 117.19 Straus, W. L., Jr. Rudimentary digits in primates. Quart. Rev. Biol., 1942, 17, 228-243.
- 117.20 Clark, W. E. Le Gros. The os innominatum of the recent Ponginal with special reference to that of the Australopithecinae. Amer. J. phys. Anthropol., 1955, 13, 19-27.
- 117.21 Schlutz, A. H. Primatologia Vol. IV part 5: Vertebral column and thorax. S. Karger, 1961 66 pp.
- 117.22 Preuschoft, H. Beitrag zur Funktion des Pongidenfusses. (Contribution to the function of the pongoid foot.) Z. Morph. Anthropol., 1963, 53, 19-28.
- 117.23 Lessertisseur, J. & Saban, R. Squelette appendiculaire. (Appendicular Skeleton.) in Traité de zoologie. Anatomie, systemique, biologie, (Treatise on Zoology. Anatomy, Systemics, Biology), Grasse, (Ed.) Paris, Masson et Cie, 1967, Vol. 26, No. 1, 709-1078, 1110-1121.
- 117.24 Lessertisseur, J. & Saban, R. Squelette axial. (Axial skeleton.) in Traité de zoologie. Anatomie, systemique, biologie, (Treatise on Zoology. Anatomy, Systemics, Biology), Grasse, Ed. Paris, Masson et Cie, 1967, Vol. 26, No. 1, 584-708, 1106-1109.
- 117.25 Lewis, O.J. The hominoid wrist joint. Amer. J. phys. Anthropol., 1969, 1.s. 30, 251-267.

118.00 Axial & Appendicular Skeleton
(vertebral column)

118.1 Broca, P. Sur la constitution des vertebres caudales chez les primats sans queue. (On the form of the caudal vertebrates of primates without tails.) Bull. Soc. Anthrop., Paris, 1871, 6, 225-232.

118.2 Cunningham, D.J. The lumbar curve in man and the apes, with an account of the topographical anatomy of the chimpanzee, orang-utan, and gibbon. Roy. Irish Acad., Cunningham Memoires, No. II, Dublin, 1886.

118.3 Chudzinski, T. Sur le sacrum d'un chimpanze. (On the sacrum of a chimpanzee.) Bull. Soc. d'Anthrop., 1888, 483.

118.4 Cunningham, D.J. The proportion of bone cartilage in the lumbar section of the vertebral column of the ape and several races of men. J. Anat., 1889, 24, 117-126.

118.5 Radlauer, C. Beitraege zur Anthropologie des Kreuzbeines. (Contributions to the anthropology of the sacrum.) Morph. Jb., 1908, 38, 323-447.

118.6 Wetzel, G. Die obersten Halswirbel und die Beziehung ihrer Ebenen zu denen des Schaedels beim Menschen und den Anthropoiden. (The uppermost neck vertebrae and the relation of its planes to those of the skull in humans and the anthropoid apes.) Z. Morph. Anthrop., 1910, 13, 259-280.

118.7 Bluntschli, H. Beziehungen zwischen Form und Funktion der Primatenwirbelsaeule. (Relations between form and function of the primate vertebral column.) Gegenbaurs Jb., 1912, 44, 489-517.

118.8 Baudouin, M. Le canal vertebral lombaire chez les anthropoides et chez les hommes prehistoriques. (The vertebral lumbar canal of anthropoids and of prehistoric men.) C.R. Acad. Sci., Paris, 1913, 156, 79-81.

118.9 Virchow, H. Die Wirbelsaule des Cercocebus fuliginosus. (The vertebral column of Cercocebus fuliginosus.) Arch. Anat. Physiol. Abt., 1916, 1-36.

118.10 Mauclaire & Fipo. Sacralisation de la V. vertebre lombaire dans les differentes races humaines et chez les singes anthropoides. Variations ethniques du sacrum. (Sacralization of the 5th lumbar vertebrae in the different human races and in the different anthropoid monkeys. Ethnic variations of the sacrum.) Bull. Soc. Anat., Paris, 1922, 92, 387-401.

118.11 Speransky, A.D. Ueber die lumbosakrale Abteilung der Primatenwirbelsaule. (The lumbosacral section of the primate vertebral column.) Z. Anat. Entw. Gesch., 1926, 78, 111-135.

- 118.12 Kempermann, C.T. Ein Beitrag zum Problem der Regionenbildung der Wirbelsaule. (A contribution to the problem of regional development of the vertebral column.) Gegenbaurs Jb., 1929, 60, 560-612.
- 118.13 Odgers, P.N.B. The lumbar and lumbo-sacral diarthrodial joints. J. Anat., 1933, 67, 301-317.
- 118.14 Fick, R. Untersuchungen an der Wirbelsaeule der Menschenaffen. (Research on the vertebral column of anthropoid apes.) S. B. preuss. Akad. Wiss., 1933, 167-329.
- 118.15 Fick, R. Untersuchungen an der Wirbelsaeule von 30 Gibbons und ueber die Wirbelzahlen der Menschenaffen. (Examinations of the vertebral column of 30 gibbons and the number of vertebrae of the anthropoid apes.) S. E. Preuss. Akad. Wiss., 1936, 161-178.
- 118.16 Fick, R. Kurzer Bericht ueber meine Untersuchungen an der Wirbelsaeule der Menschenaffen. (A short reports about my research on the vertebral column of the anthropoid apes.) Z. Saugetierk., 1936, 11, 261-271.
- 118.17 Hakim, M. Recherches sur l'articulation sacroilliaque chez l'homme et chez les anthropoides. (Researches on the sacro-illiac joint in man and in the anthropoids.) These (med.), Paris; 1937. Paris: Marcel Vigne, 1937, 97 pp.
- 118.18 Schultz, A.H. The relative length of the regions of the spinal column in Old World primates. Amer. J. phys. Anthrop., 1938, 24, 1-22.
- 118.19 Dehaut, E.G. Manifestation des deux vertebres atloidiennes d'un chimpanze. (Manifestation of two atloid vertebrae in a chimpanzee.) Bull. Mus. Hist. nat., Paris, 1947, 19, 378.
- 118.20 Schultz, A.H., & Straus, W.L., Jr. The numbers of vertebrae in primates. Proc. Amer. philos. Soc., 1945, 89, 601-626.
- 118.21 Ottow, B. The composition of the vertebral column of the anthropoids. Zeitschr. Menschl. Vererbungs-u. Konstitutionslehre, 1951, 30, 409-417.
- 118.22 Schultz, A.H. The relative thickness of the long bones and the vertebrae in primates. Amer. J. phys. Anthrop., 1953, 11, 277-312.
- 118.23 Delmas, A., Pineau, H., & Kyncl, H. Signification fonctionnelle du poids du rachis. (Functional significance of the weight of the vertebral column.) C. R. Ass. Anat., 1958, 45, 810-820.
- 118.24 Marit, C. Quelques donnees quantitatives sur les vertebres de l'homme et du chimpanze. (Some quantitative data about the vertebrates of man and of the chimpanzee.) Bull. Ass. Anat. (Nancy), 1964, 122, 238-253.

118.25 Ankel, F. Der canalis sacralis als Indikator fur die Lange der Caudalregion der Primaten. (The sacral canal as an index of the length of the caudal region of primates.) Folia primat., 1965, 3, 263-276.

118.26 Ankel, F. Morphologie von Wirbelsaule und Brustkorb. (Morphology of the Spinal Column and the Rib Cage.) Primateologia. Handbuch der Primatenkunde, (Primateology. Handbook of Primate Study), Basel; S. Karger, 1967, Vol. 4, #4, 120.

118.27 Ankel, F. Morphologische spezialisationen der menschlichen Wirbelsaule. (Morphological Specializations of the Human Spinal Column.) Bull. Schweiz. Ges. Anthropol. Ethnol., 1966-1967, 43, 70-81. Abstract: Biol. Abstr., 1968, 49, #49057.

119.00 Axial & Appendicular Skeleton
(pelvis and hip joint)

- 119.1 Fischer, J. Some observations on the pelvis of the mammalia. Brit. Rec. Obstet. Med., 1838, 1, 26 pp.
- 119.2 Topinard, P. Des proportions generales du bassin chez l'homme et dans la serie des mammiferes. (General proportions of the pelvis in man and in the mammal series.) C.R. Ass. Av. Sci., 1874.
- 119.3 Topinard, P. Le bassin chez l'homme et chez les animaux. (The pelvis in man and in animals.) Bull. Soc. Anthrop., Paris, 1876, 10, 504-510.
- 119.4 Hartmann, R. Ueber das Hueftgelenk der Anthropoiden Affen. (The hip joint of the anthropoid apes.) S. B. Ges. naturf. Fr. Berl., Berlin, 1877, 85-89.
- 119.5 v. d. Hoeven, L. Over de betrekking van het bekken der anthropoiden tot dat van den mensch. (About the relationship of the pelvis of anthropoids and man.) Acad. Proefschr. (Geneesk) Amsterdam, C.L. Peterson, 1905, 103 pp.
- 119.6 v. d. Broek, A.J.P. Note sur l'asymetrie dans les bassins des primats. (Note on the lack of symmetry in the pelvis of primates.) Bull. Soc. Anthrop., Paris, 1912, 3, 70-79.
- 119.7 Weidenreich, F. Ueber das Hueftbein und das Becken der Primaten und ihre Umformung durch den aufrechten Gang. (The hip bone and the pelvis of primates and their reshaping through erect carriage.) Anat. Anz., 1913, 44, 497-513.
- 119.8 Reynolds, E. The evolution of the human pelvis in relation to the mechanics of the erect posture. Papers Peabody Mus., 1931, 11, 255-334.
- 119.9 Elftman, H.O. The evolution of the pelvic floor of the primates. Amer. J. Anat., 1932, 51, 307-346.
- 119.10 Schultz, A.H. Sex differences in the pelvis of primates. Amer. J. phys. Anthrop., 1949, 7, 401-424.
- 119.11 Kleinschmidt, A. Funktionell-morphologische Beobachtungen am Becken der Saeuger unter besonderer Beruecksichtigung der Primaten. (Functional-morphological observations of the pelvis of mammals with special consideration to the primates.) Verh. dtsch. zool. Ges., 1949.
- 119.12 Ottow, B. Die knoechernen Beckenverbindungen der Anthropoiden. (The bony pelvic connection of the anthropoids.) Anat. Anz., 1952, 98, 324-331.

119.13 Schultz, A. H. Observations on the acetabulum of primates.
Folia primat. 1969, 11, 181-199.

119.14 Leutenegger, W. Das Becken der rezenten Primaten. (The pelvis of recent primates.) Gegenbaurs morph. Jb. 1970, 115, 1-101.

119.15 Leutenegger, W. Das Becken der Primaten und seine Beziehungen zur Lokomotion. (The primate pelvis and its relationship to locomotion.) Z. Morph. Anthrop., 1970, 62, 328-333.

119.16 Barham, W. W. A longitudinal study of the growth of the chimpanzee bony pelvis. Pp. 169-175 in Proceedings of the third international congress of primatology, Zurich 1970, vol. 1, J. Biegert & W. Leutenegger, (Eds.) Basel: S. Karger, 1971.

119.17 Coleman, H. Comparison of the pelvic growth patterns of chimpanzee and man. Pp. 176-182 in Proceedings of the third international congress of primatology, Zurich 1970, vol. 1, J. Biegert, & W. Leutenegger, (Eds.) Basel: S. Karger, 1971.

119.18 Dokládal, M. Die Morphologie der symphysalen Gelenkfläche des Os pubis bei den Primaten. (The morphology of the symphyseal joint area of the pubic bone in primates.) Pp. 163-168 in Proceedings of the third international congress of primatology, Zurich 1970, vol. 1, J. Biegert & W. Leutenegger, (Eds.) Basel: S. Karger, 1971.

120.00 Axial & Appendicular Skeleton
(superior torso skeleton)

- 120.1 Broca, P. Sur les indices de largeur de l'omoplate chez l'homme, les singes et dans la serie des mammiferes. (On the indices of the width of the scapula of man, of apes, and in the series of mammals.) Bull. Soc. Anthropol., Paris, 1878, 1, 66-92.
- 120.2 Keith, A. A variation that occurs in the manubrium sterni of the higher primates. J. Anat., 1896, 30, 275-279.
- 120.3 Tredgold, A.F. Variations in the ribs of primates, with especial reference to number of sternal ribs in man. J. Anat., 1897, 31, 288-302.
- 120.4 Ranke, J. Zur Anthropologie des Schulterblattes. (Anthropology of the scapula.) Korresp. Bl. dtsch. Ges. Anthropol., 1904, 35, 139-144.
- 120.5 Frey, H. Untersuchungen ueber die Scapula, speziell ueber ihre aeussere Form und deren Abhaengigkeit von der Funktion. (Investigations of the scapula, particularly over its external form and its dependency on function.) Z. Anat. Entw. Gesch., 1923, 68, 277-324.
- 120.6 Gorjanovic-Kramberger, K. Das Schulterblatt des diluvialen Menschen von Krapina in seinem Verhaeltnis zu dem Schulterblatt des rezenten Menschen und der Affen. (The scapula of the diluvial man of Krapina in its relation to the scapula of recent man and apes.) Vij. Geol. Zav. Zagreb., 1925-1926, 1, 68-122.
- 120.7 Vallois, H.V. La formation de l'omoplate humaine. (The formation of the human scapula.) Bull. Mus. Hist. nat., Paris, 1927, 33, 65-70.
- 120.8 Martin, C.P., & O'Brien, H.D. The coracoid process in the primates. J. anat. Lond., 1939, 73, 630-642.
- 120.9 Slowik, F. Vergleichend-morphologische Untersuchungen an der Clavicula des Menschen und anderer Primaten. (A comparative-morphological study on the clavicle of humans and other primates.) Zurich: Eidg. Techn. Hochsch., 1945, 189 pp.
- 120.10 Patte, E. Sur la pretendue abscence de l'enchancreure coracoidienne chez les anthropomorphes. (Concerning the alleged absence of the scapular notch among the anthropoids.) Mammalia, 1948, 12, 140-147.
- 120.11 Ashley, G.T. Supra-sternal ossicles in primates other than man: some isolated cases in gorilla and chimpanzee. Nature, 1955, 176, 608-609.
- 120.12 Ashton, E.H. & Oxnard, C.E. Functional adaptations in the primate shoulder girdle. Proc. zool. Soc. Lond., 1964, 142, 49-66.

- 120.13 Ashton, E.H., Oxnard, C.E. & Spence, T.F. Scapular shape and primate classification. Proc. Zool. Soc. Lond., 1965, 145, 125-142.
- 120.14 Oxnard, C.E. The functional morphology of the primate shoulder as revealed by comparative anatomical, osteometric and discriminant function techniques. Amer. J. phys. Anthrop., 1967, n.s. 26, 219-243.
- 120.15 Oxnard, C.E. Evolution of the human shoulder: Some positive pathways. Amer. J. phys. Anthrop., 1969, n.s. 30, 319-331.
- 120.16 Oxnard, C.E. & Neely, P.M. The descriptive use of neighborhood limited classification in functional morphology: A analysis of the shoulder in primates. J. Morph., 1969, 129, 127-148.

121.00 Axial & Appendicular Skeleton
(skeleton of the extremities)

121.1 Owen, R. Osteological contributions to the natural history of the anthropoid apes. VII. Comparison of the bones of the limbs of the Troglodytes, Gorilla, Troglodytes Niger and of different varieties of the human race; and on the general characters of the skeleton of the gorilla. Trans. zool. Soc. Lond., 1851, 5, 1-31.

121.2 Aeby, C. T. Das Talo-tarsalgelenk des Menschen und der Primaten. (The talo-tarsal joint of man and the primates.) Arch. Anat. Physiol., Leipzig, Physiol. Abt., 1883, Suppl. Bd., 312-327.

121.3 Manouvrier, L. Memoire sur la platycnemie chez l'homme et chez les anthropoides. (Notes on platycnemia in man and the anthropoides.) Mem. Soc. Anthropol., Paris, 1888, 3, 469-548.

121.4 Rollet, E. Les os longs des grands singes. (The long bones of the great apes.) C. R. Acad. Sci. Paris, 1889, 109, 75-78.

121.5 Thomson, A. The influence of posture on the form of the articular surfaces of the tibia and astragalus in different races of man and the higher apes. J. Anat., 1889, 23, 616-639.

121.6 Thomson, A. Additional note on the influence of posture in the form of the articular surfaces of the tibia and astragalus in the different races of man and the higher apes. J. Anat., 1890, 24, 210-217.

121.7 von Bardeleben, K. On the bones and muscles of the mammalian hand and foot. Proc. zool. Soc. Lond., 1894, 354-376.

121.8 Lazarus, S.P. Zur Morphologie des Fussskelettes. (Morphology of the foot skeleton.) Morph. Jb., 1896, 24, 1-166.

121.9 Parsons, F.G. The joints of mammals compared with those of man. Part II. Joints of the hind limb. J. Anat. Lond., 1900, 34, 301-323.

121.10 Volkov, T. Les variations squelettiques du pied chez les primates et dans les races humaines. (The skeletal variations of the foot in primates and in the human race.) Bull. Soc. Anthropol., Paris, 1903, 4, 632-708; 5, 1-50, 201-331.

121.11 Retterer, E. De la forme des fibro-cartilages interarticulaires du genou du chimpanze. (The form of the inter-articular fibrocartilages in the knee of the chimpanzee.) C. R. Soc. Biol., Paris, 1905, 58, 476-479.

121.12 Volkov, T. Variations squelettiques du pied chez les primates et dans les races humaines. (Skeletal variations of the foot in primates and the human race.) These (Sci.), Paris, Beaugency: Laffray fils et Gendre, 1905, 266 pp.

- 121.13 Manners-Smith, T. A study of the navicular in the human and anthropoid foot. J. Anat., 1908, 42, 397-414.
- 121.14 Bello, & Rodriguez, S. Le femur et le tibia chez l'homme et les anthropoides. (The femur and the tibia of man and of anthropoids.) These (Med.), Paris, G. Jacques, 1909, 120 pp.
- 121.15 v. d. Broek, A.J.P. Ueber das Os acetabuli bei Primaten. (The os acetabuli of primates.) Arch. Anat. Physiol. Anat. Abt., 1911, 185-206.
- 121.16 Vallois, H.V. Considerations sur la forme de la section transversale du tibia chez les lemuriens, les singes, et l'homme. (Considerations of the form of the transverse section of the tibia in lemurs, apes, and man.) Bull. Soc. Anthrop., Paris, 1912, 3, 248-291.
- 121.17 Retterer, E., & Vallois, H. De la double rotule de quelques primates. (The double patella of some primates.) C. R. Soc. Biol., Paris, 1912, 73, 379-383.
- 121.18 Appleton, A.B. Note on a variable feature of the astragalus. J. Anat., London, 1913, 47, 123-142.
- 121.19 Vallois, H.V. La valeur morphologique de la rotule chez les mammiferes. (The morphological value of the patella in mammals.) Bull. Soc. Anthrop., Paris, 1917, 8, 2-34.
- 121.20 Retterer, E., & Neuville, H. Des articulations metacarpophalangiennes de quelques singes. (Metacarpophalangical articulations of some monkeys.) C. R. Soc. Biol., Paris, 1918, 81, 960-963.
- 121.21 Vallois, H.V. L'epiphyse inferieure du femur chez les primates. (The inferior epiphysis of the femur in primates.) Bull. Soc. Anthrop., Paris, 1919, 10, 21-45, 80-107.
- 121.22 Forster, A. La tuberosite du scaphoïd et des jambes posterieur. Etude d'anatomie comparee. (The tuberosity of the scaphoid bone and the posterior legs. Study of comparative anatomy.) Arch. Anat., Strasbourg, 1922, 1, 1-55.
- 121.23 Forster, A. La premiere articulation cuneometatarsienne chez les mammiferes superieurs: prosimiens et primates. (The first cuneometatarsal articulation in superior mammals; prosimians and primates.) Arch. Anat., Strasbourg, 1923, 2, 393-428.
- 121.24 Ried, H.A. Ueber die Beziehungen der tibialen Gelenkflaeche des Femur zur Schaftkrummung. (The relation of the tibial articular area of the femur to its shaft curvature.) Anthrop. Anz., 1925, 2, 113-128.

- 121.25 Matyas, J. Mikrometrische vergleichend-anatomische Studien an den Knochenroechrchen. (Micrometric comparative anatomical studies on the Haversian Canals.) Acta Univ. Szeged. Sect. scient. nat., 1925, 2, 23-69; 1926, 2, 142-175; 1927, 2, 229-253; 1928, Sect. A, Acta Biol., 1, 18-39.
- 121.26 Botez, I.G. Etude morphologique et morphogenique de squelette du bras et de l'avant-bras chez les primats. (Morphologic and morphogenetic study of the skeleton of the arm and of the forearm of primates.) Arch. Morph. gen. exp., 1926, 24, 1-174.
- 121.27 Slomann, H.C. Perforatio humeri. (Perforated humerus.) Vedensk Medd. Naturh. Foren. Kbh., 1926, 82, 271-313.
- 121.28 Barbosa-Sueiro, M.B. Annotations anatomiques. V. Note sur l'hyperextension et l'hypo-extension du coude chez l'autres mammiferes que l'homme. (Anatomical annotations. Notes on the hyperextension and the hypo-extension of the elbow in mammals other than man.) Arquivo anat. e antrop., Lisbon, 1928, 12, 189-193.
- 121.29 Barbosa-Sueiro, M.B. Hypoextension and hyperextension of the elbow in animals other than man. Bull. Soc. Portugaise Sci. Nat., 1928, 10, 163-167.
- 121.30 Ashley-Montagu, M.F. On the primate thumb. Amer. J. phys. Anthropol., 1931, 15, 291-314.
- 121.31 Walmsley, T. The vertical axes of the femur and their relations. A contribution to the study of the erect position. J. Anat., 1933, 67, 284-300.
- 121.32 Hrdlicka, A. Contributions to the study of the femur: the crista aspera and the pilaster. Amer. J. phys. Anthropol., 1934, 19, 17-37.
- 121.33 Hrdlicka, A. The hypotrochanteric fossa of the femur. Smithson. misc. Coll., 1934, 92, 49 pp.
- 121.34 Matthaus, K. Ueber die Formverhaeltnisse der distalen Femurepiphyse bei Mensch und Anthropomorphen. (On the configuration of the distal femoral epiphysis in man and anthropoids.) Anthrop. Anz., 1937, 14, 235-248.
- 121.35 Schultz, A.H. Proportions, variability and asymmetries of the long bones of the limbs and the clavicles in man and apes. Hum. Biol., 1937, 9, 281-328.
- 121.36 Weidenreich, F. The external tubercle of the human tuber calcanei. Amer. J. phys. Anthropol., 1940, 26, 473-486.
- 121.37 Zarapkin, S.K. Die Hand des Menschen und der Menschenaffen. (The hand of the human and the anthropoid ape.) Z. Konskt. Lehr., 1943, 27, 390-414.

- 121.38 Straus, W.L., Jr. The humerus of *Paranthropus robustus*. Amer. J. phys. Anthropol., 1948, 6, 285-311.
- 121.39 Bunnell, S. Phylogeny and comparative anatomy. Chapt. 1, Surgery of the hand, 2nd ed. Philadelphia: J. B. Lippencott Co., 1948.
- 121.40 Nissen, H.W., & Riesen, A.H. Onset of ossification in the epiphysis and short bones of the extremities in chimpanzees. Growth, 1949, 13, 45-70.
- 121.41 Schultz, A.H. The relative lengths of the foot skeleton and its main parts in primates. Symp. zool. Soc. Lond., 1953, 10, 199-206.
- 121.42 Kaplan, E.B. Discoid lateral meniscus of the knee joint. Nature, mechanism and operative treatment. J. Bone Jt. Surg., 1957, 39A, 77-87.
- 121.43 Schultz, A.H. Acrocephalo-oligodactylyism in a wild chimpanzee. J. anat., 1958, 92, 568-579.
- 121.44 Terry, R.J. Sprengel's deformity and club-foot: An anthropological interpretation. Amer. J. phys. Anthropol., 1959, 17, 251-271.
- 121.45 Piganiol, G., & Olivier, G. L'architecture du femur des primates. (The structure of the primate femur.) C. R. Ass. Anat., 1959, 45, 660-677.
- 121.46 Jouffroy, F.K., & Lessertisseur, J. Les spécialisations anatomiques de la main chez les singes à progression suspendue. (The anatomical specialization of the hand in the apes, a suspended progression.) Mammalia, 1960, 24, 93-151.
- 121.47 Napier, J.R. Prehensility and opposability in the hands of primates. In: Vertebrate locomotion. Symposia Zool. Soc., London, 1961, 5, 115-132.
- 121.48 Schultz, A.H. Relations between the lengths of the main parts of the foot skeleton in primates. Folia primat., 1963, 1, 150-171.
- 121.49 Napier, J. Brachiation and brachiators. Symp. zool. Soc. Lond., 1963, 10, 183-195.
- 121.50 Erikson, G.E. Brachiation in New World Monkeys in anthropoid apes. Symposium Zool. Soc., Lond., 1963, 10, 135-164.
- 121.51 Lewis, O.J. The homologies of the mammalian tarsal bones. J. Anat. (Lond.), 1964, 98, 195-208.
- 121.52 Edwards, W.E. The musculoskeletal anatomy of the antebrachium of an adult female chimpanzee. Aeromedical Research Laboratory Technical Report No. 65-4, Holloman AFB, New Mexico, 1965.

121.53 Knussmann, R. Humerus, Ulna und Radius der Simiae. Vergleichend-morphologische Untersuchungen mit Berücksichtigung der Funktion. (Humerus, ulna, and radius of Simians. A comparative morphological investigation with consideration of (their) function.) Biblio. primat., 1967, 5, 1-399.

121.54 Lisowski, F.P. Growth changes and comparisons of the primate talus with a note on clinical findings. Ethiop. med. J., 1966, 4, 173-179.
Abstract: Excerpta med. (Amst.), 1967, 21 (Sect. 1), #3272.

121.55 Lisowski, F.P. Angular growth changes and comparisons in the primate talus. Folia primat., 1967, 7, 31-97.

121.56 Preuschoft, H. Functional anatomy of the lower extremity. In G. H. Bourne (Ed.), The Chimpanzee, vol. 3. Baltimore: University Park Press, 1970, pp. 221-294.

121.57 Barnett, C.H. Talocalcaneal movements in mammals. J. Zool., 1970, 160, 1-7.

121.58 Glaser, D. Über die Ossifikation der Extremitäten bei neugeborenen Primaten (Mammalia). (Concerning the ossification of extremities in newborn primates.) Z. Morph. Tiere, 1970, 68, 127-139.

121.59 Pilbeam, D. R. & Simons, E.L. Humerus of Dryopithecus from Saint Gaudens, France. Nature (Lond.), 1971, 229, 406-407.

121.60 Lewis, O.J. Osteological features characterizing the wrists of monkeys and apes, with a reconsideration of this region in Dryopithecus (Proconsul) africanus. Amer. J. phys. Anthropol., 1972, 36, 45-58.

122.00 Teeth (general morphology and anomalies)

- 122.1 Owen, F. Odontography; or a treatise on the comparative anatomy of the teeth --- in the vertebrate animals. London: H. Bailliere, 1840-1845.
- 122.2 Muehlreiter, E. Ein Beitrag zur Groessenbestimmung der Zahne der anthropoiden Affen. (A contribution to the determination of the size of the teeth of the anthropoid apes.) Dtsch. Mschr. Zahnheilk., 1892, 10, 323-336.
- 122.3 Regnault, F. Des malformations dentaires chez le singe. (Mal-formations of teeth in the apes.) C. R. Soc. Biol., Paris, 1893, 45, 931-934.
- 122.4 Nehring, A. Ueber einem menschlichen Molar aus dem Diluvium von Taubach bei Weimar. (A human molar from the "deluvium of Taubach" at Weimar.) Z. Ethnol., 1895, 27, Verh., 573-577.
- 122.5 Gaudry, A. Sur la similitude des dents de l'homme et de quelques animaux. (On the similarity of the teeth of man and some animals.) Anthropologie, 1901, 12, 93-102, 513-525.
- 122.6 de Terra, Maximilian. Beitraege zu einer Odontographie der Menschenrassen. (Contributions to an odontography of the human races.) Inaug. Diss. (Phil.) Zurich: Parchim i. m.: H. Freise, 1905, 302 pp.
- 122.7 Siffre, A. Les caracteres de la dent carnivore chez l'homme et les anthropoides. (The character of carnivore teeth in man and the anthropoids.) Rev. mens. Ecole Anthrop., 1905, 15.
- 122.8 Kunotter, J., & Chaine, J. Variations de formules dentaires chez les primates. (Variation of teeth forms in primates.) C. R. Soc. Biol., Paris, 1906, 60, 99-101.
- 122.9 Hilzheimer, M. Einige Zahnanomalien wilder Tiere. (Some tooth anomalies of wild animals.) Anat. Anz., 1908, 32, 442-445.
- 122.10 Keith, A. Problems relating to the teeth of the earlier forms of pre-historic man. Proc. r. Soc. Med., 1913, 6, 103-119.
- 122.11 Bolk, L. Odontologische Studien II. Die Morphogenie der Primatenzaehne. Eine weitere Begrueitung und Ausarbeitung der Dimertheorie. (Odontological studies II. The morphogeny of primate teeth. A further foundation and elaboration of the dimeric theory.) Jean: G. Fischer, 1914, 181 pp.
- 122.12 Schwalbe, G. Ueber den fossilen Affen "Oreopithecus bambolii." Zugleich ein Beitrag zur Morphologie der Zahne der Primaten. (The fossil monkey "Oreopithecus bambolii." Also a contribution to the morphology of the teeth of primates.) Z. Morph. Anthrop., 1915, 19, 149-254.

- 122.13 Adloff, P. Die Entwicklung des Zahnsystems der Säugetiere und der Menschen. Eine Kritik der Dimertheorie von Bolk. (The development of the dental system of mammals and humans. A criticism of the dimeric theory of L. Bolk.) Berlin: Hermann Meusser, 1916, 110 pp.
- 122.14 Ramstrom, M. Der Piltdown-Fund. (The Piltdown discovery.) Bull. geol. Instn. Univ. Upsala, 1918, 16, 261-304.
- 122.15 Remane, A. Beiträge zur Morphologie des Anthropoidengebisses. (Contributions to the morphology of the dentition of the anthropoid apes.) Arch. Naturgesch., 1921, 84A, 1-179.
- 122.16 Hrdlicka, A. Dimensions of the first and second lower molars with their bearing on the Piltdown jaw and on man's phylogeny. Amer. J. phys. Anthropol., 1923, 6, 195-216.
- 122.17 Hrdlicka, A. Variation in the dimensions of lower molars in man and the anthropoid apes. Amer. J. phys. Anthropol., 1923, 6, 423-438.
- 122.18 Grematzki, M. De quelques anomalies du système dentaire des primates supérieurs et leur signification phylogénétique. (Of some anomalies of the denture system of superior primates and their phylogenetic significance.) Russk. antrop. Ah., 1928, 16, 24-36. Fr. résumé p. 36.
- 122.19 M'Intosh, W.C. On abnormal teeth in certain mammals: especially in the rabbit. Trans. roy. Soc. Edinb., 1929, 56, 333-407.
- 122.20 Bluntschli, H., & Schreiber, H. Zur Morphologie der Anthropomorphen Molaren. (Morphology of the molar teeth of the anthropoid apes.) Fortschr. Zahnheilk., 1930, 6, 14-27.
- 122.21 Moog, K. Ueber Beziehungen zwischen Gestalt und Funktion der Zähne, besonders bei den Primaten. (Relations between configuration and function of the teeth, particularly of the primates.) Inaug. Diss. (Med.) Tübingen, Leipzig: Georg. Thieme, 1930, 36 pp.
- 122.22 Colyer, F. Four lectures on: "Abnormal conditions of the teeth of animals in their relationship to similar conditions in man." London: The Dental Board of the United Kingdom, 1931.
- 122.23 Schultz, A.H. Eruption and decay of the permanent teeth in primates. Amer. J. phys. Anthropol., 1935, 19, 489-581.
- 122.24 Bennejeant, C. Anomalies et variations dentaires chez les Primates. (Irregularities and dental variations of primates.) Vallier Clermont Ferrand, 1936, 1, 258 pp.
- 122.25 Simkins, C.S. History of the human teeth: An introduction to comparative dental anatomy. Philadelphia: P. Blakiston Sons and Co., 1937, 329 pp.

- 122.26 Frechkop, S. Ethologie et morphologie dentaire des primates. (Ethology and morphology of the teeth of the primates.) Ann. Soc. zool. Belge, 1941, 72, 245-250.
- 122.27 Gan, J.K. Contribution a l'etude des dents chez les anthropoides, pan satyrus verus Schwarz. (Contribution to the study of teeth in the anthropoids, Pan satyrus verus Schwarz.) Bull. Soc. Anthropol., Paris, 1941, 2, 16-19.
- 122.28 Broom, R. The milk molars of man and the anthropoids. So. African Dent. J., 1941, 15.
- 122.29 Gan, J.K. Contribution a l'etude des dents chez les anthropoids. (Contribution to the study of teeth in the anthropoids.) Bull et Mem. Soc. Anthropol., Paris, 1942, 3, 56-61.
- 122.30 Ashley-Montagu, M.F. Variation of diastemata in dentition of anthropoid apes; significance for origin of man. Amer. J. phys. Anthropol., 1943, 1, 325-353.
- 122.31 Steslicka, W. The dentition of primates. Ann. Univ. M. Curie-Sklodowska Lublin, 1947, 1, 183-276.
- 122.32 Schultz, A.H. The relation in size between premaxilla, diastema and canine teeth. Amer. J. phys. Anthrop., 1948, 6, 163-179.
- 122.33 Steslicka, W. The dental cavity cavum dentis in primates. Ann. Univ. M. Curie Sklodowska, 1949, 4, 103-118.
- 122.34 Ashton, E.H. An accessory cusp on the lower first permanent molar of the chimpanzee and gorilla. Proc. zool. Soc., London, 1953, 123, 27-32.
- 122.35 Ashton, E.H., & Zuckerman, S. Some quantitative dental characters of fossile anthropoids. Phil. Trans., 1950, B234, 485-520.
- 122.36 Ashton, E.H., & Zuckerman, S. Some quantitative dental characteristics of the chimpanzee, gorilla, and orang. Phil. Trans. roy. Soc., 1950, 234, 471-484.
- 122.37 Friel, S. The development of ideal occlusion of the gum pads and the teeth. Amer. J. Orthodont., 1954, 40, 196-227.
- 122.38 Schuman, E.L., & Brace, C.L. Metric and morphologic variations in the dentition of the Liberian chimpanzee; comparisons with anthropoid and human dentitions. Hum. Biol., 1954, 26, 239-268.
- 122.39 Oman, C.R., & Applebaum, E. Ultrasonic cavity preparation. II. Progress report. J. Amer. dent. Ass., 1955, 50, 414-417.

- 122.40 Ashton, E.H. Sexual differences in the dimensions of the milk teeth of the chimpanzee and gorilla. Proc. zool. Soc., London, 1956, 126, 121-125.
- 122.41 Colyer, F. Variations and diseases of the teeth of animals. London: John Bale, Sons and Danielsson, Ltd., 1956.
- 122.42 Scott, J.H. The shape of the dental arches. J. dent. Res., 1957, 36, 996-1003.
- 122.43 Swindler, D.R. The maxillary incisors in several groups of non-human primates. Amer. J. phys. Anthropol., 1963, 21, 424.
- 122.44 Schumacher, G.H. Multiple retentio und deslocatio dentis bei einem Schimpansen. (Multiple retention and dislocation of teeth in a chimpanzee.) Gegenbaurs morph. Jb., 1963, 104, 585-608.
- 122.45 Garn, S.M., Lewis, A.B. & Kerewsky, R.S. Molar size sequences and fossil taxonomy. Science, 1963, 142, 1060. Abstract: Biol. Abstr., 1964, 45, #31681.
- 122.46 Nissen, H.W. & Riesen, A.H. The eruption of permanent dentition of chimpanzee. Amer. J. of phys. Anthropol., 1964, 22, 285-294.
- 122.47 Inke, G. & Ernst, T. Überzählige Eckzähne und Distomolaren im Milchgebiss der Altweltaffen. (Extra Canine Teeth and distomolars in the Milk Teeth of Old World Monkeys) Gegenbaurs morph. Jb., 1965, 108, 199-211.
- 122.48 Erdbrink, D.P. The torsion of the roots in human lower molars. Proc. kon. ned. Akad. Wet., 1965, C68, 391-397, 2 pls.
- 122.49 Erdbrink, D.P. A quantification of the Dryopithecus and other lower molar patterns in man and some of the apes. Z. Morph. Anthropol., 1965, 57, 70-108, 4 t.
- 122.50 Welsch, U. Tooth wear in living pongids. J. dent. Res., 1967, 46, 989-992.
- 122.51 Welsch, U. Tooth wear of upper prosimian molars. Pp. 137-139 in Neue Ergebnisse der Primatologie, D. Starck, R. Schreider & H.J. Kuhn, Eds. Stuttgart, Gustav Fischer Verlag, 1967.
- 122.52 Gary, J. Oral abnormalities in laboratory chimpanzees. Lab. Primate Newslett., 1967, 6(1), 11-12.
- 122.53 Schoch, E. Der Canalis incisivus der Primaten und des Homo modjokertensis. (The incisive canal of primates and Homo modjokertensis.) Saugetierz. Mitt., 1968, 16, 303-308.

122.54 Monteil, G., Monteil, R. & Fenart, R. Position vestibulaire des dents et des germes dentaires au cours de l'ontogenese de Pan Paniscus par la methode radio-tomographique. (Entering position of the teeth and oral germs in the course of the ontogenesis of Pan Paniscus by the radiotomy method. Orthodont. franc., 1968, 39, 631-635.

122.55 Oka, S.W., Kraus, B.S. The circumnatale status of molar crown maturation among the Hominoidea. Arch. oral Biol., 1969, 14, 639-659, 2 pls.

122.56 Isokawa, S., Nishihara, T., Oyanagi, T., Morimoto, M., Yamaguchi, S., Kuwajima, K. & Ajisaka, M. Interglobular spaces in some mammalian teeth. J. Nihon Univ. Sch. Dent., 1969, 11, 99-104.

122.57 Yulish, S.M. Anterior tooth reductions in Ramapithecus. Primates, 1970, 11, 255-263.

122.58 Tarrant, L. H. & Swindler, D. R. The state of the deciduous dentition of a chimpanzee fetus (Pan troglodytes). J. Dent. Res., 1972, 51, 677.

123.00 Teeth
(Histology and Dentures)

- 123.1 Webb, F.C. The teeth in man and the anthropoid apes; being a review of the various publications on the subject by Prof. Owen, F.R.S., and an essay on the teeth in the varieties of man. London: Reprinted from Dental Review, 1860, 57 pp.
- 123.2 Noll, F.C. Beitraege zur Frage ueber die Stellung des Menschen. (Contributions to the question on the position of human.) Zool. Gart., Frankfurt, 1866, 7, 241-247.
- 123.3 Topinard, P. De l'evolution des molaires et des premolaires chez les primates. (On the evolution of molars and premolars in primates.) Anthropologie, Sol. 2, 1892.
- 123.4 Bolk, L. Beitraege zur Affenanatomie. V. Die Differenzirung des Primatengebisses. (Contribution to the anatomy of apes. V. The differentiation of the denture of primates.) Ned. Bydr. Anat., 1906, 4, 103-114.
- 123.5 Bolk, L. Die betrekking tusschen de tandformulen der platyrrhine en katarrhine Primaten. Tijdschr. Tandheelk., 1906, 13, 65-82. On the relation between the teeth-formulas of the platyrrhine and catarrhine primates. Proc. Acad. Sci. Amst., 1906, 8, 781-793.
- 123.6 Adloff, P. Das Gebiss des Menschen und der Anthropomorphen. Vergleichend-anatomische Untersuchungen. Zugleich ein Beitraege zur Menschlichen Stammesgeschichte. (The denture of man and the anthropoids. Comparative anatomy investigations with a contribution to human phylogeny.) Berlin: Julius Springer, 1908, 164 pp.
- 123.7 Sera, G.L. La pieghettatura dello smalto nei denti di antropomorfi. (The folding of the enamel organ in anthropoids.) Monit. zool. ital., 1916, 27, 208-215.
- 123.8 Hrdlicka, A. New data on the teeth of early man and certain fossile European apes. Amer. J. phys. Anthrop., 1924, 7, 109-132.
- 123.9 Schultz, A.H. Studies on the evolution of human teeth. Dent. Cosmos, 1925, 67, 935-947, 1053-1063.
- 123.10 Schwarz, R. Zahne, und Kieferwachstum der Anthropoiden. (Teeth, and jaw, growth in the anthropoids.) Verh. schweiz. naturf. Ges., 1925, 105, 174-175.
- 123.11 Remane, A. Studien ueber die Phylogenie des menschlichen Eckzahns. (Studies on the phylogeny of the human canine-tooth.) Z. Anat. Entw. Gesch., 1927, 82, 391-481.

123.12 Adloff, P. Das Gebiss des Menschen und der Anthropoiden und das Abstammungsproblem. (The dentition of man and the anthropoids and the problem of origin.) Z. Morph. Anthrop., 1927, 26, 431-449.

123.13 Schultz, A.H. Notes of the growth of anthropoid apes, with special reference to deciduous dentition. Lab. comp. Path. Philad., 1930, 34-45.

123.14 Train, P. Ueber Gebissuntersuchungen an Anthropomorphen mit einem Ausblick auf die Zukuenftige Gestaltung des menschlichen Gebisses. (Dental research on anthropoid apes with a view on the future configuration of human dentition.) Inaug. Diss. (Zahnheilk.) 1934, 17 pp.

123.15 Bargmann, W. Zur Histologie des Dentins. (Histology of the dentine.) Z. Zellforsch., 1934, 20, 442-458.

123.16 Bennejeant, C. Les variations dentaires numeriques et la reduction dentaire progressive chez les primates. (The variations of the number of teeth and the progressive denture reductions in primates.) Odontologie, 1935, 73, 443-459, 520-526, 553-581, 630-651.

123.17 Bennejeant, C. La chronologie eruptive du chimpanzee. (The eruptive chronology of the chimpanzee.) Mammalia, 1936, 1.

123.18 Kniest, H. Vergleichende histologische Untersuchungen der Keime der bleibenden Zahne eines jungen Schimpansen mit den menschlichen Zahnkeimen. (Comparative histological examinations of the permanent tooth buds of a young chimpanzee with human tooth buds.) Med. Inaug. Diss., Hamburg, 1936.

123.19 Senyurek, M.S. Pulp cavities of molars in primates. Amer. J. phys. Anthrop., 1939, 25, 119-131.

123.20 Ashley-Montagu, M.F. The significance of the variability of the upper lateral incisor of teeth in man. Human Biol., 1940, 12, 323-358.

123.21 Bennejeant, C. La chronologie de la dentition chez les anthropoides. (Chronology of the teeth in the anthropoids.) Mammalia, 1940, 4, 41-45.

123.22 Galli, A. Appunti sulla specializzazione del primo premolare inferiore e sui diastemi nelle scimmie. (Notes about the differentiation of the first inferior premolar and its interdental spaces in apes.) Boll. Mus. Zool. Anat. Comp. Torino, 1942, 49, 95-108.

123.23 Nissen, H.W., & Riesen, A.H. The deciduous dentition of the chimpanzee. Growth, 1945, 9, 265-274.

- 123.24 Ashton, E.H., & Zuckerman, S. Some dimensions of the milk teeth of man and the living great apes. Man, 1951, 51, 23-26.
- 123.25 Yates, F., & Healy, M.J.R. Statistical methods in anthropology. Nature, 1951, 168, 1116-1117.
- 123.26 Friant, M. La dentition temporaire, dite lacteale de l'homme et des singes anthropoides. (Temporary teeth, the so-called lacteals of men and the anthropoid apes.) Rev. Stomat., 1951, 52, 960-975.
- 123.27 Schuman, E.L., & Sognnaes, R.F. Surface texture and histologic structure of chimpanzee teeth; procedures and preliminary observations. Amer. J. phys. Anthrop., 1952, 10, 239-268.
- 123.28 Ashton, E.H., & Zuckerman, S. Overall dental dimensions of hominoids. Nature, 1952, 169, 571.
- 123.29 Bennejeant, C. Les dentures temporaires des primates. (The temporary teeth of the primates.) Bull. Soc. Anthrop., 1953, 4, 11-44.
- 123.30 Schuman, E.L., & Sognnaes, R.F. Developmental microscopic defects in the teeth of subhuman primates. Amer. J. phys. Anthrop., 1956, 14, 193-214.
- 123.31 Gavan, J.A. Eruption of primate deciduous dentition: A comparative study. J. dent. Res., 1967, 46, 984-988.
- 123.32 Boyde, A. Electron microscopic observations relating to the nature and development of prism decussation in mammalian dental enamel. Bull. Grp. int. Rech. sci. Stomat., 1969, 12, 151-207.
- 123.33 Monteil, G.-A. Étude du déplacement ontogénique des dents du Pan paniscus dans les axes vestibulaires d'orientation. (A study of the ontogenetic displacement of the teeth in Pan Paniscus from the axis of entrance orientation.) Ph.D. Thesis, Faculté de Médecine de Paris, Paris, France, 1970, XIV, 66 pp., 53 figs., 23 5.

124.00 Myology and Integument
(skin and its appendages)

- 124.1 Hilgendorf, F., & Paulicki, A. Abnorme Pigmentflecke in der Haut bei einem weiblichen Schimpansen (Simia troglodytes). (Abnormal pigment spots in the skin of a female chimpanzee, Simia troglodytes.) Virchows Arch., 1871, 52, 297-300.
- 124.2 Hartmann, R. Einige Hautfascien des Menschen und der anthropoiden Affen. (Some skin fascias of man and the anthropoid apes.) S. B. Ges. naturf. Fr., 1878, 189-191.
- 124.3 Waldeyer, W. Atlas der menschlichen und tierischen Haare sowie der aehnlichen Fasergebilde. (Atlas of human and animal hairs as well as the similar filament structure.) Lahr: Moritz Schauenburg, 1884, IV, 195 pp.
- 124.4 Kollmann, A. Der Tastapparat des Fusses von Affe und Mensch. (The factual apparatus of the foot of apes and man.) Arch. Anat. Physiol., 1885, Anat. Abt., 56-101.
- 124.5 Hepburn, D. The integumentary grooves on the palm of the hand and the sole of the foot of man and the anthropoid apes. J. Anat., 1893, 27, 112-130.
- 124.6 de Mijere, J.C.H. Ueber die Haare der Saugethiere, besonders ueber ihre Anordnung. (The hair of the mammals, particularly its grouping.) Morph. Jb., 1894, 21, 312-424.
- 124.7 Vigener, J. Ein Beitrag zur Morphologie des Nagels. (A contribution to the morphology of the nails.) Morph. Arb., 1896, 6, 555-605.
- 124.8 Wallis, H.M. On the growth of hair upon the human ear, and its testimony to the shape, size, and position of the ancestral organ. Proc. zool. Soc. Lond., 1897, 298-310.
- 124.9 Adachi, B. Hautpigment beim Menschen und bei den Affen. (Skin pigment in humans and in monkeys.) Z. Morph. Anthropol., 1903, 6, 1-131.
- 124.10 Kidd, W. Exhibition of a drawing of, and remarks upon, the extensor surface of the hand of a chimpanzee. Proc. zool. Soc. Lond., 1904, 263-264.
- 124.11 Whipple, I.L. The ventral surface of the mammalian chiridium with special reference to the conditions found in man. Z. Morph. Anthropol., 1904, 7, 261-368.
- 124.12 Schlaginhaufen, O. Das Hautleinstensystem der Primatenplanta unter Mitberuecksichtigung der Palma. (The dermal ridge system of the primate foot-sole with consideration of the palm.) Morph. Jb., 1905, 33, 577-671.

- 124.13 Schlaginhaufen, O. Das Hautleistensystem der Primatenplanta unter Mitberücksichtigung der Palms. (The dermal ridge system of the primate foot-sole with consideration of the palm.) Morph. Jb., 1905, 34, 1-125.
- 124.14 Frederic, J. Untersuchungen ueber die Sinushaare der Affen, nebst Bemerkungen ueber die Augenbrauen und den Schnurrbart des Menschen. (Research on the sinus hairs of monkeys with observations on the eyebrows and moustache of humans.) Z. Morph. Anthropol., 1905, 8, 239-275.
- 124.15 Kidd, W. The sense of touch in mammals and birds with special reference to the papillary ridges. London: A. and C. Black, 1907.
- 124.16 Terebinsky, W.J. Contribution a l'etude de la structure histologique de la peau chez les singes. (Contribution to the study of the histologic structure of the skin of apes.) Ann. Derm. Syph., 1908, 9, 692-704.
- 124.17 Friedenthal, H. Das Wollhaarkleid des Menschen. Ein Beitrag zur Physiologie der Behaarung. (The lanugo of humans. A contribution to the physiology of hair.) Beitr. Naturg. Mensch., 1908, 1, 31 pp.
- 124.18 Friedenthal, H. Ueber einen neuen morphologischen Nachweis der Verwandtschaft zwischen Mensch und Anthropoiden Affen. (New morphological evidence of the kinship between man and the anthropoid apes.) S.B. Ges. naturf. Fr., Berlin, 1908, 110-111.
- 124.19 Brinkmann, A. Ueber das Vorkommen von Hautdruesen-organen bei den anthropomorphen Affen. (The presence of skin glands in the anthropoid apes.) Anat. Anz., 1909, 34, 513-520.
- 124.20 Bruhns, F. Der Nagel der Halbaffen und Affen. Ein Beitrag zur Phylogenie des menschlichen Nagels. (The fingernail of the lemurs, tarsiers, and monkeys. A contribution to the phylogeny of the human nail.) Morph. Jb., 1910, 40, 501-609.
- 124.21 Friedenthal, H. Ueber die Behaarung der Menschenrassen und Menschenaffen. (The hair of the human races and anthropoid apes.) Z. Ethn., 1911, 43, 974-980.
- 124.22 Przedziecki, A. Ueber die Implantation der Kopfhaare bei einigen Affen und Negern. (The scalp hair implantation in some apes and Negroes.) C. R. Soc. Sci. Varsovie, 1913, 6, 215-219.
- 124.23 Fritsch, G. Die Anthropoiden und die Abstammung des Menschen. (The anthropoids and the origin of man.) Z. Ethn. Berlin, 1918, 50, 1-11.
- 124.24 Brinkmann, A. Nachlese zu meinen Hautdruesenuntersuchungen. (A supplement to my skin gland research.) Bergens Mus. Aarb., 1923-24, 36 pp.

- 124.25 Brinkmann, A. Ein paar Bemerkungen zu den neuesten Untersuchungen der Hautdruesen bei den anthropomorphen Affen. (A couple of remarks on the newest research on the skin gland of the anthropoid apes.) Anat. Anz., 1926, 26, 236-237.
- 124.26 Sokolowsky, A. Das Haarkleid des Menschen in seinen Beziehungen zu dem der Menschenaffen. (The hairy coat of humans in its relations to that of anthropoid apes.) Derm. Wschr., 1929, 88, 432-437.
- 124.27 Imschenetzky, A. Ueber cutane Melanoblasten in der Haut der Affen und des Menschen. (Cutaneous melanoblasts in the skin of monkeys and humans.) Arch. Derm. Syph. Wien, 1930, 162, 279-299.
- 124.28 Glaister, J. A study of hairs and wool belonging to the mammalian group of animals, incl. a special study of human hair considered from the medico-legal aspect. Cairo, Egypt, Misr. Press, 1931, 189 pp.
- 124.29 Schultz, A.H. The density of hair in primates. Hum. Biol., 1931, 3, 303-321.
- 124.30 Miller, G.S., Jr. Human hair and primate patterning. Smithson. misc. Coll., 1931, 85, 13 pp.
- 124.31 Panzer, W. Beitraege zur Biologischen Anatomie des Baumkletterns der Säugetiere. I. Das Nagel-Kralle-Problem. (Contributions to the biological anatomy of tree-climbing mammals. I. The nail-claw problem.) Z. Anat. Entw. Gesch., 1932, 98, 147-198.
- 124.32 Raven, H.C. Comparative anatomy of the sole of the foot. Amer. Mus. Novit., 1936, 9 pp.
- 124.33 Cummins, H., & Spragg, S.D.S. Dermatoglyphics in the chimpanzee; description and comparison with man. Hum. Biol., 1938, 10, 457-509.
- 124.34 Block, W.D., & Lewis, H.B. The amino-acid content of cow and chimpanzee hair. J. biol. Chem., 1938, 125, 561-570.
- 124.35 Scherer, H.J. Melanin pigmentation of the substantia nigra in primates. J. comp. Neurol., 1939, 71, 91-98.
- 124.36 Midlo, C., & Cummins, H. Palmar and plantar dermatoglyphics in primates. Amer. anat. Mem., 1942, No. 20, 198 pp.
- 124.37 Cummins, H., & Midlo, C. Fingerprints, palms and soles. An introduction to dermatoglyphics. Philadelphia, Blakiston Co., 1943, 309 pp.
- 124.38 Miller, R.A. The ischial callosites of primates. Amer. J. Anat., 1945, 76, 67-91.

- 124.39 Harrison-Matthews, J., & Baxter, J.S. Polythelia in a chimpanzee. Proc. zool. Soc. Lond., 1948, 118, 144-145.
- 124.40 Turpin, R., & Lejeune, J. Analogies entre le type dermatoglyphique palmaire des singes inférieurs et celui des enfants atteints de mongolisme. (Analogies between dermatoglyphic types of the palm of lower apes and those of mongoloid children.) C. R. Acad. Sci., 1954, 238, 395-397.
- 124.41 Washburn, S.L. Ischial callosites as sleeping adaptations. Amer. J. phys. Anthrop., 1957, 15, 269-276.
- 124.42 Moretti, G., Adachi, K., & Ellis, R.A. Regional differences in acid phosphatase and between esterase activity in the epidermis of the chimpanzee and the macaque. J. Histochem. Cytochem., 1960, 8, 1726a, 237-241.
- 124.43 Bolk, L. Das Haarkleid eines Fetus vom Schimpanse. (The hair coat of a chimpanzee fetus.) Bijdr. Dierk., 21, 57-75.
- 124.44 Winkelmann, R.K. Nerve endings in the skin of primates. In Buettner-Janusch, J. (ed.), Evolutionary and genetic biology of primates, New York: Academic Press, 1963.
- 124.45 Montagna, W. & Ellis, R.A. New approaches to the study of the skin of primates. In Buettner-Janusch, J. (ed.), Evolutionary and genetic biology of primates, New York: Academic Press, 1963.
- 124.46 Brown, T.B. New thoughts on fingerprints--practical applications. J. Forens. Sci. Soc., 1963, 4, 18-23.
- 124.47 Montagna, W. & Yn, J.S. The skin of primates. XV. The skin of the chimpanzee (Pan satyrus), Amer. J. phys. Anthrop., 1963, 21, 189-203.
- 124.48 Brehme, H. & Baitsch, H. Die Hautleistenmuster auf den Hand und Fussflächen der höheren Primaten (Superfamilia Hominoidea). ("Swirl" patterns in the palms and soles of higher primates.) Studium gen., 1964, 17, 442-451.
- 124.49 Gabe, M. Le tegument et ses annexes. (The Integument and Its Appendages.) in Traite de zoologie. Anatomie, systemique, biologie, (Treatise on Zoology. Anatomie, systemique, biologie), Grasse, ed. Paris, Masson et Cie, 1967, Vol. 26, No. 1, 1-233, 3 pls.
- 124.50 Perkins, E.M., Jr., Smith, A.A. & Ford, D.M. A study of hair groupings in primates. Advanc. Biol. Skin, 1969, 9, 357-367.
- 124.51 Sprankel, H. Observation on growth structure of the nail in Hominoidea. Folia primat., 1969, 10, 161-171.

124.52 Sprankel, H. Comparative microscopic studies of nail plate and surrounding soft tissue of some Hominoidea. Pp. 82-86 in Proceedings of the second international congress of primatology, vol. 2, H.O. Hofer, (Ed.), Basel; S. Karger, 1969.

124.53 Ford, D.M., & Perkins, E.M. The Skin of the Chimpanzee. In G. H. Bourne (Ed.), The Chimpanzee, vol. 3. Baltimore: University Park Press, 1970. Pp. 82-119.

124.54 Biegert, J. Dermatoglyphics in the chimpanzee. Pp. 273-324 in The chimpanzee: Behavior, growth and pathology of chimpanzees, vol. 4, G. H. Bourne, (Ed.), Baltimore, Maryland, University Park Press, 1971.

125.00 Myology and Integument
(Appendicular Musculature)

- 125.1 Blake, C.E. On the syndactylous condition of the hand in man and the anthropoid apes. Anthrop. Rev., 1863, 1, 401-402.
- 125.2 von Bischoff, T.L.W. Ueber die Kurzen Muskeln des Daumens und der grossen Zehe. (On the short muscles of the thumb and great toe.) S. B. bayer. Akad. Wiss., 1870, 1, 303-316.
- 125.3 Bruhl, C.B. Myologisches ueber die Extremitaeten des Schimpansen; ein kleiner anatomischer Beitrag zur Diskussion der Verwandtschaft zwischen dem Menschen und den anthropoiden Affen. (Myological studies on the extremities of the chimpanzee; a small anatomical contribution to the discussion of the kinship between man and the anthropoid apes.) Wien. med. Wschr., 1871, 21, 52-55, 78-82.
- 125.4 Gruber, W. Fortsetzung der Untersuchungen ueber das Vorkommen oder den Mangel des Musculus peroneo-tibialis bei den Thieren, welchen ich bis dahin beim Menschen "anormal", bei den Quadrupeda "constant" und bei den Canina "normal" angetroffen hatte. (Continuation of research on the presence or absence of the peroneo-tibialis (peroneus longus, variable) muscle in animals, which until recently have found to be abnormal in humans, constant in quadrupeds, and normal in canines.) In: Beobachtungen aus der menschlichen und vergleichenden Anatomie. Berlin: A. Hirschwald, 1879, Heft 2, 79-88.
- 125.5 Koster, W. Affen und Menschenhand. (The hand of apes and humans.) Versl. Akad. Wet. Amst. Afd. Naturk., 1880, 15, 179-185.
- 125.6 Tricot, C. Parallelle anatomique des muscles extenseurs du pied chez l'homme et chez les singes. (Anatomical comparison of extensor muscles in the feet of man and the apes.) These (Med.) Bordeaux. A. Bellier, 1884, 52.
- 125.7 Brooks, H. St. J. On the morphology of the intrinsic muscles of the little finger, with some observations on the ulnar head of the short flexor of the thumb. J. Anat., 1886, 20, 645-661.
- 125.8 Brooks, H. St. J. On the short muscles of the pollex and hallux of the anthropoid apes, with special reference to the opponens hallucis. J. Anat., 1887, 22, 78-95.
- 125.9 Rex, H. Ein Beitraege zur Kenntnis der Muskulatur der Mundspalte der Affen. (A contribution to knowledge of the musculature of the buccal orifice of apes.) Morph., Jb., 1887, 12, 275-286.
- 125.10 Windle, B.C.A. A note on the extensor tendons of the manus of apes. Proc. Bgham. nat. Hist. Soc., 1887, 6, 22-25.

- 125.11 Rothschild, E. Ueber die Fussmuskeln der Primaten und des Menschen. Eine vergleichend-anatomische Studie. (The foot muscles of primates and of humans. A comparative anatomical study.) Inaug. Diss. Munchen., Aachen: J. La Ruelle, 1888, 50 pp.
- 125.12 Sutton, J.B. On the nature of the ligaments. Part V. J. Anat., 1888, 22, 542-553.
- 125.13 Hepburn, D. The comparative anatomy of the muscles and nerves of the superior and inferior extremities of the anthropoid apes. Part I. J. Anat., 1892, 26, 149-186.
- 125.14 Hepburn, D. A revised description of the dorsal interosseous muscles of the human hand, with suggestions for a new nomenclature of the palmar interosseous muscles in anthropoid apes. Trans. roy. Soc. Edinb., 1896, 38, 557-565.
- 125.15 Klaatsch, H. Der kurze Kopf des Musculus biceps femoris und der Tenuissimus. Ein stammesgeschichtliches Problem. (The short head of the biceps femoris muscle and the tenuissimus. A phylogenetic problem.) Morph. Jb., 1900, 29, 217-281.
- 125.16 Loth, E. Die Plantaraponeurose beim Menschen und den uebrigen Primaten. (The plantar aponeurosis of humans and the other primates.) Korresp. Bl. dtsch. Ges. Anthrop., 1907, 38, 169-172.
- 125.17 Glaesmer, E. Untersuchung ueber die Flexorengruppe am Unterschenkel und Fuss der Saeugetiere. (Research on the flexor muscle groups of the tibia and foot of the mammals.) Morph Jb., 1908, 38, 36-90.
- 125.18 Glaesmer, E. Die Beugemuskeln am Unterschenkel und Fuss bei den Marsupialia, Insectivora, Edentata, Prosimiae, und Simiae. (The flexor muscles of the tibia and foot in the mammalian orders, Marsupialia, Insectivora, Edentata, and primates.) Gegenbaurs Jb., 1910, 41, 149-185.
- 125.19 Sawalischin, M. Der Musculus flexor communis brevis digitorum pedis in der Primatenreihe mit spezieller Beruecksichtigung der menschlichen Varietaeten. Eine vergleichend-morphologische und anthropologische Untersuchung. (The flexor digitorum brevis muscle in the Order Primates, with special consideration of the human varieties. A comparative morphological and anthropological investigation.) Gegenbaurs Jb., 1911, 42, 557-663.
- 125.20 Ribbing, L., & Hermansson, K. Kleinere Muskelstudien. III. Die distale Extremitaetenmuskulatur eines Schimpansen. (Smaller muscle studies. III. The musculature of the distal extremities of a chimpanzee.) Acta. Univ. lund., 1912, 8, 10 pp.
- 125.21 Retterer, E., & Leliere, A. Du tendon reflechi du long peronier lateral du chimpanze. (About the curved [or reflected portion] of the tendon of the long lateral peroneus muscle of the chimpanzee.) C.R. Soc. Biol., 1912, 72, 154-156.

- 125.22 Bluntschli, H. Die Fascia lata und ihre Bedeutung fuer die Umbildung des Gefassapparates an der unteren Gliedmasse in der Primatenreihe. (The fascia lata and its significance for the modification of the vascular apparatus of the lower limbs in the primates.) Anat. Anz., Erg. H., 1913, 44, 43-66.
- 125.23 Frey, H. Der Musculus triceps surae in der Primatenreihe. (The triceps surae muscle in the primates.) Gegenbaurs Jb., 1913, 47, 1-191.
- 125.24 Forster, A. Die Mm. contrahentes und interossei manus in der Saugetierreihe und beim Menschen. (The contractor and dorsal interossei muscles of the hand in the mammalian series and in humans.) Arch. Anat. Physiol., Anat. Abt., 1916, 101-378.
- 125.25 Ruge, G. Rueckwirkungen des frei beweglichen Zustandes der oberen Gliedmassen auf Organe des Rumpfes. (Repercussions of the free moving state of the forelimbs on organs of the torso.) Anat. Anz., 1918, 51, 81-106.
- 125.26 Vallois, H.V. La formation progressive du biceps crural chez les anthropoides et chez l'homme. (The progressive formation of the crural biceps in anthropoids and in man.) C. R. Soc. Biol., 1920, 83, 383-385.
- 125.27 Strode, G. Die Skeletotopie gewisser Zehensehnen bei Menschen und einigen Affen. (The skeletal topology of certain toe tendons in humans and some apes.) Anat. Anz., 1927, 85, 158-168.
- 125.28 Hafferl, A. Bau und Funktion des Affenfusses. Ein Beitrag zur Gelenk und Muskelmechanik. I. Die Anthropoiden. (Structure and function of the foot of monkeys. A contribution to joint and muscle mechanics. I. The anthropoids.) Z. Anat. Entw. Gesch., 1929, 88, 749-783.
- 125.29 Straus, W.L., Jr. The foot musculature of the highland gorilla. Quart. Rev. Biol., 1930, 5, 261-317.
- 125.30 Jazuta, K. M. Scanscorius autorum in der Primatenreihe. (The scansorius autorum muscle in the primates.) Z. Anat. Entw. Gesch., 1932, 97, 588-609.
- 125.31 Bychowska, M. Le parcours des lignes papillaires de la paume chez les primates. (The distance of the papillary lines in the palm of primates.) Folia morph., Warzawa, 1930, 2, 69-121. (Fr. abstr. pp. 116-121.)
- 125.32 Miller, R.A. Evolution of the pectoral girdle and fore limb in the primates. Amer. J. phys. Anthrop., 1932, 17, 1-56.
- 125.33 Zielinska, H. Anthropomorphologie des M. glutaeus maximum. (Anthropomorphology of the gluteus maximus muscle.) Folia Morph., Warszawa, 1936-37, 7, 84-113.

- 125.34 Koszla, M.M. Anthropomorphologie des M. tibialis anterior. (Anthropomorphology of the tibialis anterior muscle.) C. R. Soc. Sci. Varsovie, 1937, 30, 110-134.
- 125.35 Straus, W.L., Jr. The phylogeny of the human forearm extensors. Hum. Biol., 1941, 13, 23-50, 203-238.
- 125.36 Peters, B. Some studies of the planta and palma of the primates. Zeitschr. Morphol. u. Anthropol., 1952, 44, 183-187.
- 125.37 Jouffroy, F.K., & Lessertisseur, J. Particularites musculaires de l'avant bras et de la main chez un chimpanze, Pan troglodytes (Owen). (Particularities of the muscular system of the forearm and the hand in one chimpanzee, Pan troglodytes.) Bull. Mus. Hist. nat., 1957, 29, 121-126.
- 125.38 Kaplan, E.B. Comparative anatomy of the extensor digitorum longus in relation to the knee joint. Anat. Rec., 1958, 131, 129-149.
- 125.39 Lessertisseur, J. Doit-on distinguer deux plans de muscles interosseux à la main et au pied des primates? (Should one distinguish two planes of interossei muscles in the hands and the feet of primates?) Ann. Sci. nat. Zool., 1958, 20, 77-104.
- 125.40 Jouffroy, F.K. Muscles peroniers des quatrième et cinquième orteils chez les primates. Description et interpretation. I. Description. (The musculi peronei of the fourth and fifth toes in the primates, description, and interpretation. I. Description.) Bull. Mus. Hist. nat., 1958, 30, 475-481.
- 125.41 Kaplan, E.B. The iliotibial tract. J. Bone & Joint Surg., 1958, 40, 817-832.
- 125.42 Jouffroy, F.K., & Lessertisseur, J. Reflexions sur les muscles contracteurs des doigts et des orteils. (Contrahentes digitorum) chez les primates. (Reflection on the contractor muscles of the fingers and the toes. Contrahentes digitorum among the primates.) Ann. Sci. nat. Zool., 1959, 1, 211-235.
- 125.43 Jouffroy, F.K. Muscles peroniers des quatrième et cinquième orteils chez les primates. Description et interpretation. II. Interpretation. (The musculi peronei of the fourth and fifth toes in the primates. Description and interpretation. II. Interpretation.) Bull. Mus. Hist. nat., 1959, 31, 72-79.
- 125.44 Kiesselbach, A. & Steiner, H. Zur vergleichenden und funktionellen Anatomie des Musculus biceps femoris und seiner Homologa bei Primaten. (Comparative and functional anatomy of the Musculus biceps femoris and its homologue in primates.) Zeitsch. Wiss. Zool., 1961, 165, 88-107.

- 125.45 Day, M.H. & Napier, J. The functional significance of the deep head of flexor pollicis brevis in primates. Folia primat., 1963, 1, 122-134.
- 125.46 Shrivastava, R.K. The innervation of the deltoid in mammals with morphological explanation of nerve-muscle relationship. Gegenbaurs morph. Jb., 1963, 105, 130-138.
- 125.47 Ziegler, Z.C. Brachiating adaptions of chimpanzee upper limb musculature. Amer. J. phys. Anthropol., 1964, 22, 15-31.
- 125.48 Lewis, O.J. The tibialis posterior tendon in the primate foot. J. Anat. (Lond.), 1964, 98, 209-218.
- 125.49 Souteyrand-Boulenger, J. Les formations fibreuses et les ligaments du triangle clavi-coraco-pectoral chez les primates. (Fibrous Formations and Ligaments of the Clavi-coraco-pectoral Triangle in Primates.) Mammalia, 1966, 30, 645-666.
- 125.50 Ishida, H. On the triceps surae in primates. Mem. Coll. Sci. Univ. Kyoto, 1966, B33, 1-12.
- 125.51 Ryzhkov, T. F. (Comparative morphology of m. biceps femoris of primates.) Vop. Antrop., 1966, 22, 138-145.
- 125.52 Kaneff, A. Zur Differenzierung des M. abductor pollicis biventer beim Menschen. (The differentiation of the M. abductor pollicis biventer in man). Gegenbaurs morph. Jb., 1968, 112, 289-303.
- 125.53 Uhlmann, K. Huft-und Oberschenkelmuskulatur. Systematische und vergleichende Anatomie. (Hip and Upper Thigh Musculature. Systematic and Comparative Anatomy.) Primateologia. Handbuch der Primatenkunde, (Primateologia. Handbook of Primate Study), H. Hofer, A. H. Schultz & D. Starck, eds. Basel, S. Karger, 1968, Vol. 4, Sec. 10, 1-442.
- 125.54 Sigmon, B.A. The scansorius muscle in pongids. Primates, 1969, 10, 247-261.
- 125.55 Kaneff, A. Umbildung der dorsalen Daumenmuskeln beim Menschen. (Changes of the dorsal thumb muscle in man.) Verh. Anat. Ges. (Jena), 1969, 63, 625-636.
- 125.56 Kaneff, A. Sur le probleme de l'homologie des musculi peronei digitorum avec le muscle pediceux (M. extensor hallucis brevis et M. extensor digitorum brevis). (Concerning the similarity problem of the peronei digitorum muscle and the pediceux muscle [M. extensor hallucis brevis and M. extensor digitum brevis].) Bull. Ass. Anat. (Nancy), 1970, 148, 395-405.

125.57 Kimura, K. & Takai, S. [Comparative anatomical studies of the extremities of the crab-eating monkey based on the relative muscle weight.] Acta anat. (Nippon.), 1970, 45, 80-90.

125.58 Kaneff, A. Vergleichende Untersuchung des tiefen Fingerstreckers, M. extensor digitorum profundus, beim Menschen und bei einigen Saugern. (Comparative investigation of the deep extensor muscles of the finger, M. extensor digitorum profundus in man and in some mammals.) Gegenbaurs morph. Jb., 1970, 114, 542-571.

125.59 Kaneff, A. Morphologie der Muskeln der tiefen Extensorenschicht des Fussruckens bei den nichthominiden Primaten. (Morphology of the deep extensor muscles of the instep in non-human primates.) Pp. 145-156 in Proceedings of the third international congress of primatology, Zurich 1970, vol. 1, J. Biegert & W. Leutenneger, Eds. Basel, S. Karger, 1971.

126.00 Myology and Integument
(Muscles of the Head)

- 126.1 Ruge, G. Untersuchungen ueber die Gesichtsmuskulatur der Primaten. (Research on the facial musculature of the primates.) Leipzig: W. Engelmann, 1887, 130 pp.
- 126.2 Forster, A. Ueber die morphologische Bedeutung des Wangenfettpropes. Seine Beziehungen zu den Kaumusklen und zu der Glandula parotidea. (The morphological significance of the sucking part [corpus adiposum buccae]. Its relations to the chewing muscles and to the parotid gland.) Arch. Anat. Physiol., Anat. Abt., 1904, 197-298.
- 126.3 Dupuy, P. Anatomie comparee des muscles du rire. (Comparative anatomy of the muscles of laughing.) Bull. Soc. Anat. Paris, 1905, 80, 549-551.
- 126.4 Virchow, H. Gesichtsmuskeln der Schimpansen. (Facial muscles of chimpanzees.) Abh. preuss. Akad. Wiss., 1915, 1, 81 pp.
- 126.5 v. d. Broek, A.J.P. Ueber Muskelinsertionen und Urspruenge am Unterkiefer; ein Beitrag zur Kinnfrage. (Insertions and origins of the muscles of the mandible; a contribution to the problem of chin configurations.) Z. Morph. Anthropol., 1920, 21, 227-284.
- 126.6 Hecker, P. Appareil ligamenteaus occipito-altoidoaxoidien. Etude d'anatomie comparee. (The occipito-atlantoaxial ligamentous apparatus. Study of comparative anatomy.) 1 Partie. Arch. Anat., Strasbourg, 1922, 1, 413-435.
- 126.7 Virchow, H. Gesichtsmusklen d's weiblichen Schimpansen "Chica". (Facial muscles of the female chimpanzee "Chica.") S. B. Ges. naturf. Fr. Berl., 1922, 53-65.
- 126.8 Paugger, J. Beitrag zur Kenntnis der Halshautmuskulatur bei Primaten. (Contribution to knowledge of the subcutaneous musculature of the neck in primates.) Z. Morph. Anthropol., 1923, 23, 185-226.
- 126.9 Rozycki, S. Le muscle transverse de la nuque et transverse du menton chez le chimpanze. (The transverse muscles of the nape and chin in the chimpanzee.) Kosmos. Lwow., 1924, 49, 33-40.
- 126.10 Sullivan, W.E., & Osgood, C.W. The facialis musculature of the orang, Simia satyrus. Anat. Rec., 1925, 29, 195-243.
- 126.11 Vallois, H.V. La sustentation de la tete et la ligament cervical posterieur chez l'homme et les anthropoides. (The support of the head, and the posterior cervical ligament in man and anthropoids.) Anthropologie, Paris, 1926, 36, 191-207.

- 126.12 Chylewski, W. Ueber das Vorkommen des Caput ulnare des M. pronator teres in der Primatenreihe. (About the presence of the ulnar head of the pronator teres muscle in the Order Primates.) C. R. Soc. Sci., Varsovie, 1926, 19, Cl. 3, 367-375.
- 126.13 Houpert, L. Recherches sur la musculature de la langue chez les mammiferes. Etude d'anatomie comparee. (Investigations on the musculature of mammal tongues. Study of comparative anatomy.) Arch. Anat., Strasbourg, 1928, 8, 1-79.
- 126.14 Zlabek, K. Reconstruction du mouvement vertical dans l'articulation temporo-maxillaire de l'homme et des singes anthropoides. (Reconstruction of the vertical movement in the temporo-maxillary articulation of man and the anthropoid monkeys.) Arch. Anat., 1930, 12, 49-73.
- 126.15 Huber, E. Evolution of facial musculature and cutaneous field of trigeminus. Quart. Rev. Biol., 1930, 5, 133-188, 389-437.
- 126.16 Huber, E. Evolution of facial musculature and facial expression. Baltimore: The Johns Hopkins Press, 1931.
- 126.17 Hopf, G. Groessenunterschiede der Muskelfaserquerschnitte zwischen den einzelnen Portionen des M. masseter beim Menschen und bei einigen Säugetieren. (Differences in size of the muscle fiber cross-sections between the separate portions of the masseter muscle of humans and some mammals.) Z. mikr. anat. Forsch., 1934, 35, 195-217.
- 126.18 Schultz, A.H. The nasal cartilages in higher primates. Amer. J. phys. Anthrop., 1935, 20, 205-212.
- 126.19 Petelski, M. The anthropomorphology of the sub-occipital muscles. Folia morph. Warsz., 1953, 4, 135-170.
- 126.20 Narkiewicz, O. The anthropomorphology of splenial muscles. Folia morph. Warsz., 1953, 4, 219-240.
- 126.21 Jordan, J. The stylo-hyoïd and stylo-mandibular ligaments in lemurs and primates. Folia morph., 1958, 9, 213-224.
- 126.22 Jordan, J. The stylohyoideus muscle in the lemurs and monkeys. Folia morph., 1959, 10, 131-142.
- 126.23 Himmelreich, H.A. Der M. tensor veli palatini der Säugetiere unter Berücksichtigung seines Aufbaus, seiner Function und seiner Entstehungsgeschichte. (The muscle tensor veli palatine of mammals with consideration of its structure, function, and origin.) Anat. Anz., 1964, 115, 1-26.
- 126.24 Kuntze, A. Zungen- und Kehlgangspflegmone bei einer jungen Schimpanzin. (Tongue and throat phlegmon of a young chimpanzee.) Zool. Gart., Lpz., 1964, NF28, 287-294.

126.25 Gaspard, M. Disposition helicoide du corps mandibulaire chez les anthropomorphes. (The helicord arrangement of the mandibular body in the anthropomorphs.) Actualités odonto-stomat., 1965, 69, 85-108.

126.26 Seiler, R. A comparison between the facial muscles of Catarrhine with long and short muzzles. Pp. 157-162 in Proceedings of the third international congress of primatology, Zurich 1970, vol. 1, J. Biegert & W. Leutenegger, Eds. Basel, S. Karger, 1971.

127.00 Myology and Integument
(Muscles of the Back)

127.1 Kollmann, J. Der Levator ani und der Coccygeus bei den geschwanzten Affen und den Anthropoiden. (The levator ani and coccygeus muscles of the tailed apes and the anthropoids.) Anat. Anz., 1894, 9, Erg. H., 198-205.

127.2 Virchow, H. Ueber die Rueckenmuskeln eines Schimpansen. (The back muscles of a chimpanzee.) Arch. Anat. Physiol., Anat. Abt. 1909, 137-174.

127.3 Schuck, A.C. Beitraege zur Myologie der Primaten. I. Der M. lattissimus dorsi und der M. lattisimio-tricipitalis. (Contributions to the myology of primates. I. The lattissimus dorsi muscle and the lattissimo-tricipitalis muscle.) Gegenbaurs. Jb., 1913, 45, 267-294.

127.4 Schuck, A.C. Beitraege zur Myologie der Primaten. II. I. Die Gruppe: Sternocleidomastoideus, Trapezius, Omocervicalis. 2. Die Gruppe: Levator Scapulae, Rhomboides, Serratus anticus. (Contributions to the myology of primates. II. 1. The group: sternocleidomastoid, trapezius, levator claviculae. 2. The group: levator scapulae, rhomboideus, serratus anterior.) Gegenbaurs Jb., 1913, 47, 355-418.

127.5 Virchow, H. Die Rueckenmuskeln des Schimpansen. (The back muscles of the chimpanzee.) Arch. Anat. Physiol., Anat. Abt., 1914, 319-350.

127.6 Ruge, G. Der breite Rueckenmuskel der Primaten. (The latissimus dorsi muscle of the primates.) Z. Angew. Anat., 1918, 2, 233-284.

127.7 Oguksi, K. Beitraege zur vergleichenden Anatomie der Mm. serrati posteriores bei Affen nebst einer Bemerkung ueber die "Oligoneurie." (Contributions to comparative anatomy of the serratus posterior muscles of apes, with an observation on "oligoneury.") Anat. Anz., 1920, 53, 321-332.

127.8 Ruge, G. Ursprung des breiten Rueckenmuskels bei Halbaffen, Affen, und beim Menschen. (Origin of the latissimus dorsi muscle in monkeys, apes, and humans.) Gegenbaurs Jb., 1920, 51, 141-146.

127.9 Plattner, F. Ueber die ventral-innervierte und die genuine Rueckenmuskulature bei drei Anthropomorphen. (The ventral innervated and the genuine back musculature of three anthropoid apes.) Gegenbaurs. Jb., 1923, 52, 241-280.

127.10 Voss, H. Vergleichende Untersuchungen ueber den Aufteilungsgrad der Kontraktilen Masse in den Skelettmuskeln. I. Der Nachweis eines verschiedenen Aufteilungsgrades in den drei Teilen des Trapezmuskels. (Comparative investigations on the degree of partition of contractile masses in the skeletal muscles. I. The evidence of a different degree of partition in the three parts of the trapezius muscle.) Z. Mikr. anat. Forsch., 1934, 36, 179-190.

- 127.11 Dzwonkowski, L. L'anthropomorphologie du muscle tranpeze. (The anthropomorphology of the trapezius muscle.) Folia morph., Warszawa, 1935-36, 6, 147-202. Fr. Abstr: 201-202.
- 127.12 Riska, N. Om glutealregionens muskeler hos Primates. Ueber dei Muskeln der Glutealregion bei den Primaten. (About the muscles of the gluteal region in primates.) Finska Lak Sallsk. Handl., 1936, 79, 637-658.
- 127.13 Dzwonkowski, L. L'anthropomorphologie du muscle grand dorsal. (The anthropomorphology of the large dorsal muscles.) C. R. Soc. Sci., Varsovie, Cl. 4, 1937, 30, 1-51. Fr. Abstr.: 50-51
- 127.14 Winckler, G. Contribution a l'etude de la morphogenese du muscle spinalis dorsi. (Contributions to the study of the morphology of the dorsal spinal muscle.) Arch. Anat., 1939, 27, 99-142.
- 127.15 Harris, W. The morphology of the brachial plexus: with a note on the sectoral muscle and its tendon twist. London: Oxford University Press, 1939, 117 pp.
- 127.16 Lessertisseur, J. Signification de l'epine iliaque anteroinferieure chez les primates. Premiere partie: etude osteologique et myologique. (The meaning of the anterior-inferior iliac spine among the primates. First Part: osteology and myology.) Bull. Mus. Hist. nat., 1958, 30, 488-489.
- 127.17 Lessertisseur, J. Signification de l'epine iliaque anteroinferieure chez les primates. Deuxieme Partie: interpretation et conclusion. (The location of the anterior-inferior iliac spine among the primates.) Part two: interpretation and conclusion.) Bull. Mus. Hist. nat., 1959, 31, 80-84.
- 127.18 Benton, R. S., & Gavan, J. A. The concept of homology applied to the anterior superior iliac spine. Amer. J. phys. Anthropol., 1960, 18, 273-279.
- 127.19 Matze, H. Die absolute und relative Anzahl der Muskelspindeln in den tiefen Nachenmuskeln des Schimpansen. (The absolute and relative number of muscle-spindles in the deep neck-muscles of the chimpanzee). Anat. Anz., 1963, 113, 19021.

128.00 Myology and Integument
(General Musculature)

- 128.1 Eschricht, D. F. Beschreibung einiger neuen Muskeln am Kehlkopfe eines langarmigen Affen. (Description of some new muscles on the larynx of a long-armed ape.) Mullers. Archiv. F. Anatomie, 1834, 218-221.
- 128.2 Wyman, J. Notes on the myology of a chimpanzee. Proc. Boston Soc. nat. Hist., 1856, 5, 274-275.
- 128.3 Wilder, B. G. Contributions to the comparative myology of the chimpanzee. Boston J. nat. Hist., 1861, 7, 353-384.
- 128.4 Haughton, S. Notes on animal mechanics. No. VII. On the muscular anatomy of the Macacus nemestrinus. Proc. r. Irish Acad., 1865, 9, 277-287.
- 128.5 Pettigrew, J. B. On the distribution of the fibres in the muscular tunics of the stomach in man and other mammalia. Proc. roy. Soc., 1867, 16, 65-67.
- 128.6 Bischoff, T. L. W. Beitraege zur Anatomie des Hylobates leuciscus und zu einer vergleichenden Anatomie der Muskeln der Affen und des Menschen. (Contributions to the anatomy of Hylobates leuciscus and to a comparative anatomy of the muscles of apes and humans.) Abh. Math. Phys. Cl. Ak. Wiss., Munchen, 1870, Bd. 2, Abth. iii, 199-297.
- 128.7 Macalister, A. On some points in the myology of the chimpanzee and others of the primates. Ann. Mag. nat. Hist., 1871, 7, 341-351.
- 128.8 Champneys, F. On the muscles and nerves of a chimpanzee (Troglodytes niger) and a Cynocephalus anubis. J. Anat., 1871, 6, 176-211.
- 128.9 Pozzi, S. De la valeur des anomalies musculaires au point de vue de l'anthropologie zoologique. (On the value of muscular anomalies from the view of zoological anthropology.) C. R. Ass. franc. Av. Sci., 1874, 3, 581-587.
- 128.10 Dobson, G.E. On the digastric muscle, its modifications and functions. Trans. Linn. Soc. Lond. Zool., 1882, 2, 259-264.
- 128.11 Seydel, O. Ueber den Serratus posticus und seine Lagebeziehung zum Obliquus abdominis und Intercostalis externus bei Prosimiern und Primaten. (The serratus posterior muscles and their relative position to the obliquus abdominis and external intercostal muscles among prosimians and primates.) Morph. Jb., 1891, 18, 35-75.

128.12 Ruge, G. Zeugnisse fur die metamere Verkuerzung des Rumpfes bei Saeugethieren. Der Musculus rectus thoracoabdominalis der Primaten. Eine vergleichend-anatomische Untersuchung. (Evidences for the metamerie shortening of the torso in mammals. The rectus thoraco-abdominal muscle of primates. A comparative anatomical investigation.) Morph. Jb., 1892, 19, 376-427.

128.13 Seydel, O. Ueber die Zwischensehnen und den metameren Aufbau des M. obliquus thoraco-abdominalis (abdominis) externus der Saeugethiere. (The intermediary tendons and the metamerie structure of the obliquus abdominis externus muscle of mammals.) Morph Jb., 1892, 18, 544-604.

128.14 Eggeling, H. Zur Morphologie der Dammuskulatur (Schluss). (Morphology of the perineal musculature [last part].) Morph Jb., 1896, 24, 511-631.

128.15 Ranke, K. Muskel und Nervenvariationen der dorsalen Elemente des Plexus isciaticus der Primaten. (Muscle and nerve variations of the dorsal elements of the plexus isciaticus of primates.) Arch. Anthrop. Braunschwe., 1897, 24, 117-144.

128.16 Giacomini, C. La "Plica semilunaris" et le larynx chez les singes anthropomorphes. (The Plica Semilunaris and the larynx in anthropomorphic monkeys.) Archio: Ital. Biol., Turin, 1897, 28, 98-119.

128.17 Kohlbrugge, I. H. F. Muskeln und peripherie Nerven der Primaten, mit besonderer Beruecksichtigung ihrer Anomalien. Eine vergleichend-anatomische und anthropologische Untersuchung. (Muscles and peripheral nerves of the primates, with special consideration of their anomalies. A comparative anatomical and anthropological investigation.) Verh. Akad. Wet. Amst., 1897, 5, 246 pp.

128.18 Michaelis, P. Beitraege zur vergleichenden Myologie des Cynocephalus babium, Simia satyrus, Troglodytes niger. (Contributions to the comparative myology of Cynocephalus babium, Simia satyrus, Troglodytes niger.) Arch. Anat. Physiol. Anat. Abt., 1903, 205-256.

128.19 Forster, A. Die Insertion des Musculus semi-membranous. (The insertion of the semi-membranous muscle.) Arch. Anat. Physiol., Anat. Abt., 1903, 257-320.

128.20 Ledingham, J. C. G. The myology of Troglodytes niger. Proc. anat. anthrop. Soc. Aberd., 1904, 136-155.

128.21 Dupuy, P. Note sur le ventre anterieur du digastrique du chimpanze. (Note on the anterior belly of the digastric muscle of the chimpanzee.) Bull. Soc. Anat. Paris, 1905, 80, 112-114.

- 128.22 Chaine, J. Le digastrique du chimpanzee et l'origine phylogénique de ce muscle. (The digastric muscle of the chimpanzee and the phylogenetic origin of this muscle.) C. R. Soc. Biol., 1905, 59, 623-624.
- 128.23 Frets, G. P. Die Varietaeten der Musculi peronaei beim Menschen und die Mm. peronaei bei den Saugetieren. Ein morphologischer Beitrag. I Teil. (The variations of peroneus muscles of the mammals. A morphological contribution. Part I.) Ned. Bijdr. Anat., 1907, 4, 545-586.
- 128.24 Zuckerkandl, E. Zur Anatomie und Morphologie der Musculi pectorales. (Anatomy and morphology of the pectoralis muscles.) S. B. Akad. Wiss. Wien., Abt. 3, 1910, 119, 469-558.
- 128.25 MacDowell, E. C. Notes on the myology of *Anthropopithecus niger* and *Papip-toth ibeanus*. Amer. J. Anat., 1910, 10, 431-460.
- 128.26 Holl, M. Zur Morphologie des M. digastricus mandibulae der Affen. (Morphology of the digastric muscle, anterior bell, of monkeys.) S. B. Akad. Wiss. Wien, Abt. 3, 1910, 119, 469-558.
- 128.27 Virchow, H. Die Nackenmuskelfelder eines kindlichen Schimpansen. (The neck muscle regions of a young chimpanzee.) Z. Ethn., 1914, 46, 478-489.
- 128.28 Forster, A. Beitraege zur Morphologie des Scalenussystems und des M. sternocostalis. Eine vergleichend-anatomische Untersuchung. Teil II. (A contribution to the morphology of the scalenus muscle system and the sternocostal muscle. A comparative anatomical investigation. Part II.) Z. Morph. Anthropol., 1915, 19, 271-352.
- 128.29 Mysberg, W. A. Die Homologie der Brust und Bauchmuskeln der Primaten. (The homology of the thoracic and abdominal muscles of the primates.) Anat. Anz., 1917, 50, 121-127.
- 128.30 Forster, A. Zur Morphologie der Musklen des Thorax. Eine vergleichend-anatomische Untersuchung. III. Teil. (Morphology of the muscles of the thorax. A comparative anatomical investigation. Part III.) Z. Morph. Anthropol., 1917, 20, 339-456.
- 128.31 Loth, E. Anthropomorphologie des muscles. Muscles du tronc. Note préliminaire. (Anthropomorphology of the muscles. Muscles of the trunk. Preliminary note.) Bull. Soc. Anthropol., Paris, 1919, 10, 116-133.
- 128.32 Forster, A. Zur Morphologie der Musklen des Thorax. Eine vergleichend-anatomische Untersuchung. V. Teil. (Morphology of the muscles of the thorax. A comparative anatomical investigation. Part V.) Z. Morph. Anthropol., 1919, 21, 23-102.
- 128.33 Rozycki, S. The morphology of the muscular system of the chimpanzee. Posn. Tow. Przyj. Nauk., 1922, 1, 88 pp.

- 128.34 Smith, W. C. The levator ani muscle; its structure in man and its comparative relationships. Anat. Rec., 1923, 26, 175-203.
- 128.35 Forster, A. Note sur l'adaptation de la musculature anale chez le chimpanze. (Note on the adaptation of the anal musculature in the chimpanzee.) Bull. Soc. Anat. Paris, 1923, 93, 286-291.
- 128.36 Fick, R. Anatomische Untersuchungen an einigen Teneriffaschimpanzen, namentlich ueber die Gewichts und Querschnittsverhaeltnisse der Muskeln. (Anatomical research on several Teneriffa chimpanzees, particularly on the weight and cross-sectional proportions of the muscles.) S. B. preuss. Akad. Wiss., 1925, 162197.
- 128.37 Fick, R. Beobachtungen an den Musklen einiger Schimpansen. (Observations on the muscles of several chimpanzees.) Z. Anat. Entwick Gesch., 1925, 76, 117-141.
- 128.38 Vallais, H. V. Les variations des muscles spinaux chez les primates superieurs. (Variations in the spinal muscles of the superior primates.) C. R. Acad. Sci., 1927, 184, 232-234.
- 128.39 Vallois, H. V. Les muscles spinaux chez l'homme et les anthropoids. Contribution a l'etude de l'adaptation a l'attitude verticale. (The spinal muscles in man and anthropoids. Contribution to the study of the adaptation to the vertical posture.) Ann. Sci. nat. Zool., 1928, 11, 1-65.
- 128.40 dePina, L. Les faisceaux epineux du muscle grand complexus. (The fasciculi spinosi of the semispinalis capitis muscle.) Ann. Anat. Path. Med. chir., 1930, 7, 783-788.
- 128.41 dePina, L. A pata de ganso no homem e nos primates. (Pes anserinus in humans and primates.) 15th Cong. int. Anthropol. Archeol. prehist., Portugal, 1930 (1931), 73-78.
- 128.42 Hjelmmann, G. Eine beim Menschen selten vorkommende Muskelanamolie und der entsprechende Muskel beim Affen und Halbaffen. (A muscle anomaly seldom occurring in man and the corresponding muscle in apes and lower apes.)
- 128.43 Howell, A. B. & Straus, W. L., Jr. The brachial flexor muscles in primates. Proc. U. S. nat. Mus., 1931, 80, 31 pp.
- 128.44 Stewart, T. D. The musculature of the anthropoids. Neck and trunk. Amer. J. physical. Anthropol., 1936, 21, 141-204.
- 128.45 Steinfield, Z. S. The comparative anatomy of musculus abdominis obliquus internus (homo and primates.) Folia morph., 1937-38, 8, 80-98.
- 128.46 Lee, F. C. Note on a fascia underneath the pectoralis major muscle. Anat. Rec., 1944, 90, 45-49.

- 128.47 Kleinschmidt, A. Vergleichende Untersuchungen an der Extremitäten-muskulatur des Menschen und der Anthropoiden. (A comparative investigation of the muscles of the extremities of humans and the anthropoids.) Anat. Anz., 1951, 98, 153-163.
- 128.48 Miller, R. A. The musculature of Pan paniscus. Amer. J. Anat., 1952, 91, 183-323.
- 128.49 Avril, C. Kehlkopf und Kehlsack des Schimpansen. (The larynx and related structures in the chimpanzee.) Pan troglodytes (Blumenbach 1799.) Gegenbaurs Morph. Jb., 1963, 105, 74-129.
- 128.50 Ashton, E. H. & Oxnard, C. E. The musculature of the primate shoulder. Trans. Zool. Soc. Lond., 1963, 29, 553-650.
- 128.51 Jordan, J. The crico-thyroid muscle in primates and its relation to the primary exterior sphincter of the pharynx and larynx. Acta biol. med. Gdansk, 1964, 8, 165-179.
- 128.52 Ashton, E. H., Healy, M. J. R., Oxnard, C. E., & Spence, T. F. The combination of locomotor features of the primate shoulder by canonical analysis. J. Zool., 1965, 147, 406-429.

129.00 Nervous System
(The Brain as a Whole)

- 129.1 Tiedmann, F. On the brain of the Negro, compared with that of the European and orangutan. Philos. Trans., 1836, 126, 497-527.
- 129.2 Macartney, J. On the minute structure of the brain in the chimpanzee and of the human idiot, compared with that of the perfect brain of man, with some reflections on the cerebral functions. Trans. r. Irish Acad., 1843, 19, 322-328.
- 129.3 Vrolik, W. Sur l'anatomie du cerveau du chimpanse. (On the anatomy of the brain of the chimpanzee.) C. R. Acad. Sci., 1850, 30, 83-84.
- 129.4 Marshall, J. On the brain of a young chimpanzee. Nat. Hist. Rev., 1861, 1, 296-315.
- 129.5 Pansch, A. De sulcis et gyris in cerebris simiarum et hominum. (About the sulci and gyri in brains of apes and humans.) Schr. Univ. Kiel., 1866, 13, 42 pp.
- 129.6 Pansch, A. Ueber die typische Anordnung der Furchen und Windungen der Affen. (The typical arrangement of the fissures and gyri in monkeys.) Arch. Anthropol. Braunschwe., 1868, 3, 227-257.
- 129.7 von Bischoff, T. L. W. Ueber das Gehirn eines Chimpansen. (On the brain of a chimpanzee.) S. B. bayer. Akad. Wiss., 1871, 1, 98-105.
- 129.8 von Bischoff, T. L. W. Untersuchung der Eingeweide und des Gehirns des im Winter 1875 in Dresden verstorbenen Chimpansen-Weibchen. (Examination of the viscera and brain of a female chimpanzee which died in Dresden in the winter of 1875.) Mitt. zool. Mus. Dresden, 1877, 2, 251-260.
- 129.9 von Bischoff, T. L. W. Ueber das Gehirn eines Gorilla und die oder dritte Stirnwindung der Affen. (On the brain of a Gorilla and the inferior or third frontal convolution of apes.) S. B. bayer Akad. Wiss., 1877, 7, 96-139.
- 129.10 von Bischoff, T. L. W. Das Gorilla-Gehirn und die untere oder dritte Stirnwindung. (The gorilla brain and the inferior or third frontal convolution.) Morph. Jb., 1878, 4, 59-73.
- 129.11 Parker, A. J. On the brain of a chimpanzee. Med. Rec., 1880, 17, 28-31.
- 129.12 Muller, J. Zur Anatomie des Chimpansen Gehirns. (Anatomy of the chimpanzee brain.) Arch. Anthropol. Braunschwe., 1887, 17, 173-187.
- 129.13 Giacomini, C. Sul cervello di un chimpanze. (About the brain of the chimpanzee.) Atti Accad. Torino, 1839, 24, 789-820.

- 129.14 Moller, J. Beitraege zur Kenntnis des Anthropoiden-Gehirns. (Contributions to the knowledge of the anthropoid brain.) Abh. zool. anthrop. ethn. Mus. Dresden, 1891, 3, 17 pp.
- 129.15 Benham, W. B. A description of the cerebral convolutions of the chimpanzee known as "Sally"; with notes on the convolutions of other chimpanzees and of two orangs. Quart. J. micr. Sci., 1894, 37, 47-85.
- 129.16 Keith, A. The growth of brain in men and monkeys with a short criticism of the usual method of stating brain ratios. J. Anat., 1895, 29, 282-303.
- 129.17 Dwight, T. Notes on the dissection and brain of the chimpanzee "Gumbo". Mem. Boston Soc. naturl. Hist., 1895, 5, 31-32.
- 129.18 Weber, M. Vorstudien ueber das Hirngewicht der Saeugetiere. (Preliminary studies on the brain weight of mammals.) Festschr. C. Gegenbaur., 1897, 3, 103-123.
- 129.19 Flatau, E., & Jacobsohn, L. Handbuch der Anatomie und vergleichenden Anatomie des Zentralnervensystems der Saeugetiere. I. Makroskopischer Teil. (Handbook of anatomy and comparative anatomy of the central nervous system of mammals. I. Macroscopic Section.) Berlin: S. Karger, 1899, 578 pp.
- 129.20 Blake, J. A. The roof and lateral recesses of the fourth ventricle considered morphologically and embryologically. J. comp. Neurol., 1900, 10, 79-108.
- 129.21 Zuckerkandl, E. Zur Morphologie des Affengehirnes. (Morphology of the ape's brain.) Z. Morph. Anthrop., 1902, 4, 463-499.
- 129.22 Spitzka, E. A. Brain weights of animals with special reference to the weight of the brain in the macaque monkey. J. comp. Neurol., 1903, 13, 9-17.
- 129.23 Rothmann, M. Ueber experimentelle Laesionen des Centralnervensystems am anthropomorphen Affen (Chimpanzee). (Experimental injuries of the central nervous system on anthropoid apes [chimpanzees].) Arch. Psychiat. Nervenkr., 1904, 38, 1020-1069.
- 129.24 Krause, R. & Klempner, S. Untersuchungen ueber den Bau des Zentralnervensystems der Affen. (Research on the structure of the central nervous system of apes.) Z. Morph. Anthrop., 1905, 9, 59-102.
- 129.25 Retzius, G. Cerebra simiarum illustrata. Das Affenhirn in bildlicher Darstellung. (The ape brain in pictorial illustrations.) Jena: Gustav Fischer, 1906, 24 pp.

- 129.26 Warncke, P. Mitteilung neuer Gehirn und Koerpergewichtsbestimmungen bei Saeugern, nebst Zusammenstellung der gesamten bisher beoachteten absoluten und relativen Gehirngewichte bei den verschiedenen Spezies. (Note of new brain and body weight determinations of mammals, with compilation of the entire previously observed absolute and relative brain weights of the various species.) J. Psychol. Neurol., 1908, 13, 355-403.
- 129.27 Schmitt, R. Das Nervensystem von Troglodytes niger. (The nervous system of Troglodytes niger.) Anat. Anz., 1909, 34, 286-287.
- 129.28 Dendy, A. & Nicholls, G. E. On the occurrence of a mesocoelic recess in the human brain and its relation to the subcommissural organ of lower vertebrates; with special reference to the distribution of Reissner's fibre in the vertebrate series and its possible function. Anat. Anz., 1910, 37, 496-408.
- 129.29 Jakob, C. & Onelli, C. Vom Tierhirn zum Menschenhirn. I Teil. Tafelwerk nebst Einfuehrung in die Geschichte der Hirnrinde von Dr. Chr. Jacob. (From the animal brain to the human brain. Part I. Plates with an introduction in the history of the cerebral cortex by Dr. Chr. Jacob.) Muenchen: J. B. Lehmann, 1911, 32 pp.
- 129.30 Jefferson, G. Cortical localization and furrow formation. J. comp. Neurol., 1915, 25, 291-300.
- 129.31 Hobhouse, L. T. Mind in evolution. London: MacMillan & Co., 1915.
- 129.32 Anthony, R. Sur un cerveau de foetus de chimpanze. (On the fetal brain of the chimpanzee.) C. R. Acad. Sci., 1916, 162, 604-607.
- 129.33 Anthony, R. La morphologie du cerveau chez les singes et chez l'homme. (The morphology of the brain in apes and man.) Rev. Anthropol., 1917, 27, 95-112, 159-167, 195-203, 236-250, 298-305.
- 129.34 Anthony, R. Le developpement du cerveau chez les singes. Première partie. Preliminaires Anthropoides. (The development of the brain of apes. First part. Preliminary anthropoids.) Ann. Sci. nat. Zool., 1918, 2, 1-120.
- 129.35 Jatschewa, Z. Ueber verwandtschaftliche Formbildungungen an beiden zueinander gehoerenden Hemisphaeren. (About related structural forms in both hemispheres.) Schweiz. Arch. Neurol. Psychiat., 1919, 5, 56-67.
- 129.36 Fischer, E. Ueber die Variationen der Hirnfurchen des Schimpansen. (Variations in the brain sulci of chimpanzees.) Anat. Anz., Ergaenzungsh., 1921, 54, 48-54.
- 129.37 Hrdlicka, A. Weight of the brain and the internal organs in American monkeys with data on brain weight in other apes. Amer. J. phys. Anthron., 1925, 8, 201-211.

- 129.38 Coupin, F. Etudes d'un cerveau de chimpanze nouveau-né'.
(Studies of the brain of a newly born chimpanzee.) Bull. Soc. Anthropol., 6, 20-30, Paus., 1925.
- 129.39 Coupin, F. L'état du cerveau à la naissance chez le chimpanzé.
(The state of the brain at the birth of the chimpanzee.) C. R. Acad. Sci., 1925, 180, 862-863.
- 129.40 Coupin, F. Le développement comparé du cerveau chez l'homme et chez les singes. (The comparative development of the brain in man and apes.) Rev. Sci., 1925, 63, 743-748.
- 129.41 Frechkop, S. Remarques sur le poids du cerveau chez les mammifères. (Remarks on the brain weights of mammals.) Ann. Soc. Zool. Belg., 1927, 58, 109-116.
- 129.42 Smith, G. E. The brains of apes and men. Mem. & Proc. Manchester Lit. & Phil. Soc., 1927-28, 11, 87-104.
- 129.43 Leboucq, G. Le rapport poids surface dans le cerveau des singes.
(The surface weight relation of the ape brain.) C. R. Ass. Anat., 1928, 23, 268-273.
- 129.44 Popoff, I. Ueber einige Größenverhältnisse der Affenhirne.
(About some dimensional relationships of ape brains.) J. Psycho. Neurol., 1929, 38, 82-90.
- 129.45 Popoff, I. & Popoff, N. Beiträge zur Kenntnis der quantitativen Differenzen zwischen den Menschen und Affenhirnen. (A contribution to knowledge of the quantitative differences between the human and ape brains.) J. Psychol. Neurol., 1929, 38, 168-178.
- 129.46 Leboucq, G. Le rapport entre le poids et la surface de l'hémisphère cérébrale chez l'homme et les singes. (The relation between the weights and the surface of the cerebral hemisphere in man and apes.) Mem. Acad. R. Belg. Cl. Sci., 1929, 10, 57 pp.
- 129.47 Fraipont, C. L'évolution cérébrale des primates et en particulier des hominidés. (The cerebral evolution of primates and particularly in anthropoid apes.) Arch. Inst. Paleont. hum., 1931, 8, 1-86.
- 129.48 Connolly, C. J. Brain indices of anthropoid apes. Amer. J. phys. Anthropol., 1932, 17, 57-69.
- 129.49 Flexner, L. B. & Weed, L. H. Note on cerebrospinal elasticity in a chimpanzee. Amer. J. Physiol., 1933, 105, 571-573.
- 129.50 Pines, L. Zur Morphologie des Schimpansen Gehirnes. In: Furchen und Windungenproblem in der Morphologie des Gehirnes. (Morphology of the chimpanzee brain. In: The problem of sulci and gyri in the morphology of the brain.) Arb. morph. Sekt. Bechterew Inst., Leningrad, 1934, 183-202.

129.51 Ariens-Kappers, C. U., Huber, G. C., & Crosby, E. C. The comparative anatomy of the nervous system of vertebrates including man. New York: The Macmillan Co., 1936.

129.52 Gruenthal, E. Ueber Unterschiede im Gehirnbau der Anthropoiden und des Menschen und das eigentlich Menschliche am Gehirn. (Differences in the brain structure of the anthropoid apes and man, and the essentially human-like features of the brain.) Fortschr. Neur. Psychiat., 1936, 8, 261-284.

129.53 Weidenreich, F. Observations on the form and proportions of the endocranial casts of Sinanthropus pekinensis, other hominids and the great apes: A comparative study of brain size. Palaeon. Sin., 1936, 7.

129.54 Kreht, H. Zur Volumengroesse der architektonischen Felder 55-66 einiger menschlicher Gehirne im Vergleich zu der des Schimpansen und Orang-Utan. (About the volume of the architectonic fields 55-66 of some human brains in comparison to that of the chimpanzee and orangutan.) Z. mikr. Anat. Forsch., 1936, 39, 409-414.

129.55 Balado, M, & Franke, E. Das Corpus geniculatum externum. Eine anatomisch-klinisch Studie. (The external corpus geniculate--a clinical anatomical study.) (Monogr. Gesamtgeb. Neurol. Psychiat., Heft 62.) Berlin: J. Springer, 1937, 118 pp.

129.56 Haas, H. The size relations of the anthropoid brain in comparison with its intellectual capacities. Munster i. Westf., 1938, 33 pp.

129.57 Walker, A. E. & Fulton, J. F. Hemidecortication in chimpanzee, baboon, Macaque, potto, cat, and coati: a study in encephalization. J. nerv. ment. Dis., 1938, 87, 677-700.

129.58 von Bonin, G. On encephalometry. A preliminary study of the brain of man, chimpanzee and macaque. J. comp. Neurol., 1941, 75, 287-282.

129.59 von Bonin, G. Side lights on cerebral evolution: Brain size of lower vertebrates and degree of cortical folding. J. gen. Psychol., 1941, 25, 273-282.

129.60 Wendenreich, F. The brain and its role in the phylogenetic transformation of the human skull. Trans. Amer. phil. Soc., 1941, 31, 321-442.

129.61 Adler, A. Melanin pigment in the brain of the gorilla. J. comp. Neurol., 1942, 76, 501-506.

129.62 Vatsuro, E. G. A study in the relative liability of the processes of the higher nervous activity connected with individual analyzers. Trud. fiziol. Lab. Pavlov., 1945, 12, 33-57 (Russ.).

- 129.63 Count, E. W. Brain and body weight in man. Their antecedents in growth and evolution. Ann. N. Y. Acad. Sci., 1947, 46, 933-1122.
- 129.64 Connolly, C. J. External morphology of the primate brain. Springfield, Illinois: Charles C. Thomas Co., 1950.
- 129.65 von Bonin, G. Notes on cortical evolution. Arch. Neurol. Psychiat. Chgo., 1952, 67, 135-144.
- 129.66 Shariff, G. A. Cell counts in the primate cerebral cortex. J. comp. Neurol., 1953, 98, 381-400.
- 129.67 Riese, W. The brain of the chimpanzee at the time of birth (Myelogenesis). J. Mammalogy, 1955, 36, 78-83.
- 129.68 Dart, R. A. The relationships of brain size and brain pattern to human status. S. African J. Med. Sci., 1956, 21, 23-45.
- 129.69 Witherspoon, Y. T. Brain weight and behavior. Human Biol., 1960, 32, 366-369.
- 129.70 Scherchenko, Y. G. Razvitiye filogeneticheski novykh mozga v vyadu primatov. (The development of phylogenetically new brain regions in a number of primates.) Sovet. Antropol., 1952, 3, 73-92. Referat. Zhur. Biol., 1961, No. 7D555 (Translation)
- 129.71 Noback, C. R. Phylogenetic aspects of the primate brain. Amer. J. Phys. Anthropol., 1962, 2, 68.
- 129.72 Noback, C. R. & Moskowitz, N. Structural and functional correlates of 'encephalization' in the primate brain. Ann. N. Y. Acad. Sci., 1962, 102, 210-218.
- 129.73 Friant, M. Sur "l'ile de Reil" du cerveau des singes et de l'homme. (Concerning the "Isle of Reil" of the brain of monkeys and man.) Acta neurobelge., 1964, 64, 784-801.
- 129.74 DeLucchi, M. R., Dennis, B. J., & Adey, W. R. A stereotaxic atlas of the chimpanzee brain. (Pan satyrus). Berkeley: University of California Press, 1965.
- 129.75 Shanthaveerappa, T. R. & Bourne, G. H. The perineural epithelium in primates and other animals. Int. Congr. physiol. Sci., 1965, 23, 83.
- 129.76 Stephan, H. Quantitative Vergleiche zur phylogenetischen Entwicklung des Gehirns der Primaten mit hilfe von Progressionsindices. (Quantitative Comparison of the Phylogenetic Development of the Brain in Primates with the Aid of Progression Indices) Mitt. Max-Planck Ges., 1967, 2, 63-86.

- 129.77 Stephan, H. Zur Entwicklungshohe der Primaten nach Merkmalen des Gehirns. (The Height of Development of Primates According to Brain Characteristics.) in Neue Ergebnisse der Primatologie, (New Results of Primatology), D. Starch, R. Schneider, & H.-J. Kuhn, (Eds.) Stuttgart: Gustav Fischer Verlag, 1967, 108-119.
- 129.78 Crosby, E. C. & Lauer, E. W. Neuroanatomy. Progr. Neurol. Psychiat., 1967, 22, 1-22.
- 129.79 Field, E. J. & Raine, C. S. Lattice fibrillar and spiral structures in normal chimpanzee and human brain. Vet. Rec., 1968, 82, 495-496.
- 129.80 Shantha, T. R. & Manocha, S. L. The brain of chimpanzee (Pan troglodytes). I. External morphology. Chimpanzee, 1969, 1, 187-237.
- 129.81 Sacher, G. A. Allometric and factorial analysis of brain structure in insectivores and primates. Advanc. Primatol., 1970, 1, 245-287.
- 129.82 Stephan, H., Bauchot, R., & Andy, O. J. Data on size of the brain and of various brain parts in insectivores and primates. Advanc. Primatol., 1970, 1, 289-298.

130.00 Nervous System
(Cerebral Cortex/General)

- 130.1 Gratiolet, P. Memoire sur les plis cerebraux de l'homme et des primates. (Notes on the cerebral folds of man and primates.) C. R. Acad. Sci., 1850, 31, 366-369.
- 130.2 Turner, W. Notes more especially on the bridging convolutions in the brain of the chimpanzee. Proc. roy. Soc. Edinb., 1865-1866, 5, 578-587.
- 130.3 Hamy, E. T. Contribution a l'etude du developpement des lobes cerebraux des primates. (Contribution to the study of the development of the cerebral lobes in primates.) Rev. Anthrop., 1872, 1, 424 -431.
- 130.4 Gromier, J. Etude sur les circonvolutions cervebrales chez l'homme et chez les singes. (Study of the cerebral circonvolutions in man and apes.) These (Med.), Paris, A. Parent, 1874, 128 pp.
- 130.5 Major, H. C. The structure of the Island of Reil in apes. Lancet, 1877, 45-56, 84-85.
- 130.6 Parker, A. J. The bridging convolutions in the primates. Proc. Acad. nat. Sci. Philad., 1878, 159-162.
- 130.7 Rohon, J. V. Zur Anatomie der Hirnwindungen bei den Primaten. (Anatomy of the cerebral convolutions of the primates.) Munchen: Ernst Stahl, 1884, 42 pp.
- 130.8 Moller, J. Ueber eine Eigentuemlichkeit der Nervenzellenfortsaetze in der Grosshirnrinde des Chimpansen, als Unterschied gegen den Menschen. (A peculiarity of the neural cell processes in the cerebral cortex of the chimpanzee, as differentiated from humans.) Anat. Anz., 1889, 4, 592-596.
- 130.9 Turner, W. The convolutions of the brain: a study in comparative anatomy. J. Anat., 1891, 25, 105-133.
- 130.10 Kukenthal, W., & Ziehen, T. Untersuchungen ueber die Grosshirnfurchung der Primaten. (Research on the longitudinal fissure of the cerebrum of the primates.) Jena Z. Naturw., Jena, 1895, 29, 1-122.
- 130.11 Parker, A. J. Morphology of the cerebral convolutions with special reference to the order of primates. J. Acad. nat. Sci. Philad., 1896, 10, 247-365.
- 130.12 Zuckerkandl, E. Zur Anatomie der Uebergangswindungen. (Anatomy of the transitional convolutions.) Arb. neurol. Inst. (Inst. Anat. Physiol. Zent. Nerv.) Univ. Wien., 1906, 13, 141-169.

130.13 Anthony, R., & deSanta-Maria, A. S. L'evolution du gyrus reuniens chez les primates. (L'insula anterieure et son operculisation). (The evolution of the gyrus reuniens in primates. The anterior insula and its operculum.) C. R. Acad. Sci., 1911, 153, 1250-1253.

130.14 Brodman, K. Neue Ergebnisse ueber die vergleichende histologische Lokalisation der Grosshirnrinde mit besonderer Beruecksichtigung des Stirnhirns. (New results on the comparative-histological localization of the cerebral cortex with particular consideration of the frontal lobes.) Anat. Anz., Erg. H., 1912, 41, 157-216.

130.15 Anthony, R., & deSanta-Maria, A. S. Territoire peripherique du neopallium chez les primates. I. Le systeme operculaire superieure du complexe sylvien chez les lemurians, les singes et l'homme. (Signification morphologique de ses parties constitutives). (Peripheral territory of the neopallium in primates. I. The superior opercular system of the sylvian complex in lemurs, apes and man. (Morphological significance of its constituent parts.) Bull. Soc. Anthrop. Paris, 1912, 3, 293-317.

130.16 Mayer, O. Mikrometrische Untersuchungen ueber die Zelldichtheit der Grosshirnrinde bei den Affen. (Micrometric research on the cell density of the cerebral cortex of apes.) J. Psychol. Neurol., 1912, 19, 233-251.

130.17 Anthony, R., & deSanta-Maria, A. S. Le territoire central du neopallium chez les primates. I. Considerations sur la signification morphologique generale et l'operculisation de l'insula anterieure chez les anthropoides et chez l'homme. (The central territory of the neopallium in primates. I. Considerations on the general morphological significance and the formation of the operculum of the anterior insula in anthropoids and in man.) Rev. Anthropol., 1912, 22, 141-155.

130.18 van't Hoog, E. G. Ueber Tiefenlokalisation in der Grosshirnrinde. (About deep localization in the cerebral cortex.) Psychiat. neurol. Bl. Amst., 1918, 22, 281-298.

130.19 Meier-Mueller, H. Physiologisch-anatomische Untersuchungen ueber d'e sog. Armregion der Grosshirnrinde. (Physiological-anatomical research on the so-called arm region of the cerebral cortex.) Schweiz. Arch. Neurol. Psychiat., 1919, 5, 270-304.

130.20 van't Hoog, E. G. On deep localization in the cerebral cortex. J. nerv. ment. Dis., 1920, 51, 313-329.

130.21 Mingazzini, G. Beitraege zur Morphologie der aeusseren Grosshirnhemisphaerenoberflaeche bei den Anthropoiden (Schimpanse und Orang). (A contribution to the morphology of the external cerebral hemisphere surface area of the anthropoids (chimpanzee and orang-utan.) Arch. Psychiat. Nervenkr., 1928, 85, 1-219.

130.22 Fulton, J. F., & Keller, A. D. The sign of Babinsky: a study of the evolution of cortical dominance in primates. Springfield, Ill: Charles C. Thomas, 1932.

130.23 Walker, A. E., & Fulton, J. F. The external configuration of the cerebral hemispheres of the chimpanzee. J. Anat., 1936, 71, 105-116.

130.24 Shevchenko, Y. G. Variabilnost strageniyx rory bolshago mazza. (Variability of structure in the cerebral cortex.) Trud. sentral Psckhovevral. Inst., 1937, 8, 76-84.

130.25 Stangier, H. Die Furchen der Grosshirnrinde beim Schimpansen. (The fissures of the cerebral cortex in the chimpanzee.) Z. Anat. Entw. Gesch., 1937, 107, 647-671.

130.26 Brummelkamp, R. Ueber das Verhaeltnis der Oberflaeche des Frontalhirns zu derjenigen des ganzen Gehirnes bei hoheren Affen und Menschen. (The relation of the surface area of the frontal lobe to that of the total brain in higher apes and man.) Proc. Acad. Sci. Amst., 1938, 41, 1127-1133.

130.27 von Bonin, G. The striate area of primates. J. comp. Neurol., 1942, 77, 405-429.

130.28 Walker, A. E. Central representation of pain. Res. Publ. Ass. nerv. ment. Dis., 1942, 23, 63-85.

130.29 Bailey, P., von Bonin, G., Garol, H. W., & McCulloch, W. S. Long association fibers in cerebral hemispheres of monkey and chimpanzee. J. Neurophysiol., 1943, 6, 125-134.

130.30 Welch, W. K., & Kennard, M. W. Relation of cerebral cortex to spasticity and flaccidity. J. Neurophysiol., 1944, 7.

130.31 Solnitzky, O., & Harman, P. J. A comparative study of the central and peripheral sectors of the visual cortex in primates, with observations on the lateral geniculate body. J. comp. Neurol., 1946, 85, 313-419.

130.32 Shtodin, M. P. Some data on higher nervous activity in the ape (chimpanzee.) I. Determination of complex motor habits. Akad. Meditsinskikh Nauk. SSSR., 1947, 1, 181.

130.33 Shtodin, M. P. Some data on the higher nervous activity of the ape (chimpanzee). II. Systematic tendencies in the behavior of the ape. Akad. Meditsinskikh Nauk. SSSR., 1947, 1, 199.

130.34 Riese, W. The cerebral cortex of the chimpanzee at the time of birth. J. Mammalogy, 1949, 30, 270-273.

- 130.35 von Bonin, G. Essay on the cerebral cortex. Springfield, Illinois, Chas. C. Thomas, 1950, 150 pp.
- 130.36 Bourke, R. S., Greenberg, E. S. & Tower, D. B. Variation of cerebral cortex fluid spaces in vivo as a function of species brain size. Amer. J. Physiol., 1965, 208, 682-692.
- 130.37 Mettler, F. A., Liss, H. R., & Stevens, G. H. Blood supply of the primate striopallidum. J. Neuropath., 1956, 15, 377-383.
- 130.38 Mangold-Wirz, K. Cerebralisation und Ontogenesemodus bei Eutherien. (Cerebralization and Mode of Ontogenesis in Eutherians.) Acta anat. (Basel), 1966, 63, 449-508. Abstract: Biol. Abstr., 1967, 48, #20975.
- 130.39 Vitzthum, H. G. & Sanides, F. Entwicklungsprinzipien der menschlichen Schrind. (Principles of Development of the Human Visual Cortex.) Evolution of the forebrain. Phylogensis and ontogenesis of the forebrain, R. Hassler & H. Stephan, (Eds.) Stuttgart, Georg Thieme Verlag, 1966, 435-442.
- 130.40 Verhaart, W. J. C. The pyramidal tract in the primates. Advanc. Primatol., 1970, 1, 83-108.
- 130.41 Merker, G. Fasergliastruktur der dorsalen Wand des Aquaeductus cerebri bei einigen Primaten. (Fiberglass-structure of the dorsal wall of the cerebral aquaduct in some primates.) Z. Zellforsch., 1970, 107, 564-585.

131.00 Nervous System
(Cerebral Cortex, frontal lobes)

- 131.1 Duvernoy, G. L. Rapport sur un memoire de M. P. Gratiolet, sur les plis cerebraux de l'homme et des primates. (Reflections on the writings of M. P. Gratiolet relative to the cerebral folds of man and primates.) Ann. Sci. nat. Zool., 1851, 16, 193-217.
- 131.2 Rudinger, N. Ein Beitrag zur Anatomie des Sprachcentrums. In: Beitraege zur Biologie als Festgabe dem Anatomen und Physiologen, Th.L. von Bischoff (etc.). (A contribution to the anatomy of the speech center. In: Contributions to biology as a honorary presentation to the anatomists and physiologists, Th.L. von Bischoff, etc.) Stuttgart: J. G. Cotta, 1882, 349 pp., 135-191.
- 131.3 Cunningham, D. J. Contribution to the surface anatomy of the cerebral hemispheres, with a chapter upon cranio-cerebral topography by Victor Horsley. Cunningham Mem. Irish Acad., 1892, 7, 372 pp. Review in: J. comp. Neurol., 1893, 3, 1-12.
- 131.4 Marchand, F. Die Morphologie des Stirnlappens und der Insel der Anthropomorphen. (The morphology of the frontal lobes and the insula of the anthropoid apes.) Arb. path. Inst. Marburg, 1893, 2, 1-108.
- 131.5 Campbell, A. W. Histological studies on the localization of cerebral function. Cambridge: University Press, 1905; Abstr.: Brain, 1906, 29, 265-279.
- 131.6 Smith, G. E. On the impossibility of instituting exact homologies between the sulci called "calcarine" in various primates. Anat. Anz., 1910, 36, 486-487.
- 131.7 Mingazzini, G. Anatomische Beitraege zum Studium der Entwicklung des Stirnlappens des Schimpansen. (Anatomical contributions to the study of the development of the frontal lobe of the chimpanzee.) Folia neuropath. eston., 1925, 3-4, 1-10.
- 131.8 Beck, E. Der myeloarchitektonische Bau des in der Sylvanischen Furche gelegenen Teiles des Schlaefenlappens beim Schimpanse (Trog. niger.). (The myeloarchitectonic structure of the portion of the temporal lobe situated in the Sylvian fissure in chimpanzees (Troglodytes niger.) J. Psychol. Neurol., 1929, 38, 309-420.
- 131.9 von Niessl-Mayendorf, E. Vom Lokalisationsproblem der artikulierten Sprache. (About the localization problem of articulated speech.) Leipzig: J. A. Barth, 1930, 186 pp.
- 131.10 Riegele, L. The cytoarchitectonics of the fields in the area of Broca. J. F. Psychol. u. Neur., 1931, 42, 496-514. (Ger.)

- 131.11 Fulton, J. F. Bilateral representation of the lower extremity in the motor cortex of the chimpanzee. Amer. J. Physiol., 1932, 101, 36.
- 131.12 Dusser de Barenne, J. G. "Corticalization" of function and functional localization in the cerebral cortex. Arch. Neurol. Psychiat., Chicago, 1933, 30, 884-901.
- 131.13 Bucy, P. C. Representation of ipsilateral extremities in cerebral cortex. Science, 1933, 78, 418.
- 131.14 Hoff, E. C., & Hoff, H. E. Spinal terminations of the projection fibres from the motor cortex of primates. Brain, 1934, 57, 454-474.
- 131.15 Huber, E. A phylogenetic aspect of the motor cortex of mammals. Quart. Rev. Biol., 1934, 9, 55-91.
- 131.16 Bucy, P. C. Frontal lobe of primates: relation of cytoarchitectonics to functional activity. Arch. Neurol. Psychiat., 1935, 33, 546-557.
- 131.17 Fulton, J. F. A note on the definition of the "motor" and "premotor" areas. Brain, 1935, 58, 311-316.
- 131.18 Fulton, J. F., & Sheehan, D. The uncrossed lateral pyramidal tract in higher primates. J. Anat., 1935, 69, 181-187.
- 131.19 Bucy, P. C. A comparative cytoarchitectonic study of the motor and premotor areas in the primate cortex. J. comp. Neurol., 1935, 62, 293-331.
- 131.20 Connolly, C. J. The fissural pattern of the primate brain. Amer. J. phys. Anthropol., 1936, 21, 301-422.
- 131.21 Bucy, P.C. Areas 4 and 6 of the cerebral cortex and their projection systems. Arch. Neurol. Psychiat., Chgo., 1936, 35, 1396-1400.
- 131.22 Kreht, H. Zur Architektonik der Brocaschen Region beim Schimpanse und Orang-Utan. (Architectonics of Broca's area in the chimpanzees and orangutans.) Z. Anat. Entw. Gesch., 1936, 105, 654-677.
- 131.23 Strasburger, E.H. Die myeloarchitektonische Gliederung des Stirnhirns beim Menschen und Schimpansen. (The myeloarchitectonic arrangement of the frontal lobe in humans and chimpanzees.) J. Psychol. Neurol., 1937, 47, 461-491, 565-606.
- 131.24 Strasburger, E. H. Die myeloarchitektonische Gliederung des Stirnhirns beim Menschen und Schimpansen. II Teil. Der Faserbau des Stirnhirns beim Schimpansen. (The myeloarchitectonic structure of the frontal lobe in humans and chimpanzees. PartII. the fiberstructure of the frontal lobes in chimpanzees.) J. Psychol. Neurol., 1937, 47, 565-606.

- 131.25 Dusser de Barenne, J. G., Garol, H. W., & McCulloch W. S. The "motor" cortex of the chimpanzee. J. Neurophysiol., 1941, 4, 287-303.
- 131.26 Fulton, J. F., & Kennard, M. A. Cortico-striatal inter-relationships in monkeys and chimpanzee. Res. Publ. Ass. nerv. ment. Dis., 1942, 21, 228-245.
- 131.27 McCulloch, W. S., & Kennard, M. A. Functional organization of the frontal pole of chimpanzee. Trans. Amer. neurol. Ass., 1942, 68, 71-73.
- 131.28 Walker, A. E. Afferent connections. In P. C. Bucy (Ed.), The precentral motor cortex. Illinois monographs in medical sciences, 1944, 111-132, Urbana, Illinois.
- 131.29 von Bonin, G. Architecture of the precentral motor cortex, and some adjacent areas. In P. C. Bucy (Ed.), The precentral motor cortex. Illinois monographs in the medical sciences, 1944, 4, Urbana, Illinois,
- 131.30 McCulloch, W. S. Cortico-cortical connections. In P. C. Bucy (Ed.), The precentral motor cortex. Illinois Monographs in Medical Sciences, 1944, 211-242, Urbana, Illinois.
- 131.31 Smith, W. K. The frontal eye fields. In P. C. Bucy (Ed.), The precentral motor cortex. Illinois monographs in the medical sciences, 1944, 307-342, Urbana, Illinois.
- 131.32 Tower, S. S. The pyramidal tract: In P. C. Bucy (Ed.), The precentral motor cortex. Illinois monographs in the medical sciences, 1944, 149-172, Urbana, Illinois.
- 131.33 Lassek, A. M., & Wheatley, M. D. The pyramidal tract. An enumeration of the large motor cells of area 4 and the axons in the pyramids of the chimpanzee. J. comp. Neurol., 1945, 82, 299-302.
- 131.34 Walsch, F. M. R. On the role of the pyramidal system in willed movements. Brain, 1947, 70, 329-354.
- 131.35 Harman, P. J. On the significance of fissuration of the isocortex. J. comp. Neurol., 1947, 87, 161-168.
- 131.36 Bailey, P. Concerning cytoarchitecture of the frontal lobe of chimpanzee and man. Res. Publ. Ass. nerv. ment. Dis., 1947, 27, 84-94.
- 131.37 McCulloch, W. S. Some connections of the frontal lobe established by physiological neuronography. Res. Publ. Ass. nerv. ment. Dis., 1947, 27, 95-105.

- 131.38 von Bonin, G. The frontal lobe of primates: cytoarchitectural studies. Res. Publ. Ass. nerv. ment. Dis., 1948, 27, 67-83.
- 131.39 Bucy, P. C. (Ed.) The precentral motor cortex. 2nd ed. Urbana, Univ. of Illinois press, 1949, 615 pp.
- 131.40 von Bonin, G., & Shariff, G. A. Extrapyramidal nuclei among mammals. J. comp. Neurol., 1951, 94, 427-438.
- 131.41 Ashley-Montagu, M. F. The direction and position of the mental foramen of the great apes and man. Amer. J. phys. Anthropol., 1954, 12, 503-518.
- 131.42 Kuypers, H. G. M. Some projections from the pericentral cortex to the pons and lower brain stem in monkeys and chimpanzees. J. comp. Neurol., 1958, 110, 221-225.
- 131.43 Bailey, P. Relationship to the cerebellum. In P. C. Bucy (Ed.) The precentral motor cortex. Illinois monographs in medical sciences. Urbana, Illinois, 1962.
- 131.44 Saller, K. Die Artentwicklung des Stirnhirns beim Menschen. (beitrage zu einer funktionellen Anthropologie II). (The Type of Development of the Frontal Lobes in Man. (Contributions to a Functional Anthropology II.)) Z. Morph. Anthropol., 1967, 58, 181-189, pls. 9-12. Abstract: Biol Abstr., 1967, 48, #109754.
- 131.45 Gerhard, L. & Olszewski, J. Medulla oblongata and pons. Pp. 1-234 in Primateologia. Handbuch der Primatenkunde, vol. 2, pt. 2, sect. 3, H. Hofer, A. H. Schultz & D. Starck, Eds. Basel: S. Karger, 1969.
- 131.46 Sanides, F. Functional architecture of motor and sensory cortices in primates in the light of a new concept of neocortex evolution. Advanc. Primatol., 1970, 1, 137-208.

132.00 Nervous System
(Cerebral Cortex)
(Parietal, Occipital, & Temporal Lobes)

- 132.1 Rudinger, N. Ein Beitrag zur Anatomie der Affenspalte und der Interparietalfurche beim Menschen nach Rousse, Geschlecht und Individualitat. Beitrag zur Anatomie und Embryologie als Festgabe Jacob Henle. (A contribution to the anatomy of the Sulcus lunatus and the interparietal sulcus in humans by race, sex, and individuality. Contributions to anatomy and embryology as honorary presentation "Jacob Henle.") Bonn: Max Cohen & Sohn, 1882, 186-198.
- 132.2 Cunningham, D. J. The intraparietal sulcus of the brain. J. Anat., 1890, 24, 135-155.
- 132.3 Zuckerkandl, E. Zur Anatomie der fissura calcarina. (Anatomy of the calcarine fissure.) Arb. neurol. Inst. (Inst. Anat. Physiol. Zent. Nerv.) Univ. Wien, 1906, 13, 25-61.
- 132.4 Holl, M. Zur vergleichenden Anatomie des Hinterhauptlappens. (Comparative anatomy of the occipital lobe.) S. B. Akad. Wiss. Wien., Abt. 3, 1907, 116, 89-171.
- 132.5 Zuckerkandl, E. Zur Anatomie der fissura parietooccipitalis medialis und des Sulcus intraparietalis. (Anatomy of the medial parieto-occipital fissure and the intraparietal sulcus.) S. B. Akad. Wiss. Wien., 1908, Abt. 3, 117, 411-483. Abstr.: Anz. Akad. Wiss. Wien., 1908, 45, 332.
- 132.6 Landau, E. Zur vergleichenden Anatomie des Hinterhauptlappens. (Comparative anatomy of the occipital lobe.) Folia neuro-biol., 1915, 9, 727-748.
- 132.7 Alouf, I. Die vergleichende Cytoarchitektonik der Area striata. (The comparative cytoarchitecture of the striate area.) J. Psychol. Neurol., 1929, 38, 5-41.
- 132.8 Spence, K. W., & Fulton, J. F. The effects of occipital lobectomy on vision in chimpanzees. Brain, 1936, 59, 35-50.
- 132.9 Ngowyang, G. Structural variations of the visual cortex in primates. J. comp. Neurol., 1937, 67, 89-107.
- 132.10 Gerhardt, E. Der isocortex parietalis beim Schimpanse. (The parietal isocortex of chimpanzees.) Jour. Psychol. u. Neurol., 1938, 48, 329-386.
- 132.11 Kasdon, S. Localization of function in the posterior parietal lobe of the chimpanzee: an experimental study by the discrimination method. New Haven: Yale Univ. Sch. of Med., 1938, 60 pp.

- 132.12 Dusser de Barenne, J. G., & McCulloch, W. S. The sensory cortex of the chimpanzee. Proc. Soc. exp. Biol., 1939, 42, 27-29.
- 132.13 Dusser de Barenne, J. G. The sensory cortex of the chimpanzee's brain. Science, 1939, 90, 403-404.
- 132.14 Bailey, P., Dusser de Barenne, J. G., Garol, H. W., & McCulloch, W. S. Sensory cortex of the chimpanzee. Amer. J. Physiol. 1940, 129, 303.
- 132.15 Bailey, P., Dusser de Barenne, J. G., Garol, H. W., & McCulloch, W. S. Sensory cortex of chimpanzee. J. Neurophysiol., 1940, 3, 469-485.
- 132.16 Dusser de Barenne, J. G., & Garol, H. W., & McCulloch, W. S. Functional organization of sensory and adjacent cortex of the monkey. J. Neurophysiol., 1941, 4, 324-330.
- 132.17 Hines, M. Recent contributions to localization of vision in the central nervous system. Arch. Ophthal., 1942, 28, 913-937.
- 132.18 Bailey, P., von Bonin, G., Garol, H. W., & McCulloch, W. S. Functional organization of temporal lobe of monkey (*Macaca mulatta*) and chimpanzee (*Pan satyrus*). J. Neurophysiol., 1943, 6, 121-128.
- 132.19 Woolsey, C. N., Marshall, W. H., & Bard, P. Note on the organization of the tactile sensory area of the cerebral cortex of the chimpanzees. J. Neurophysiol., 1943, 6, 285-291.
- 132.20 Bailey, P., von Bonin, G., Davis, E. W., Garol, H. W., McCulloch, W. S., Roseman, E., & Silveira, A. Functional organization of the medial aspect of the primate cortex. J. Neurophysiol., 1944, 7, 51-55.
- 132.21 Friant, M. Sur les sillons fondamentaux de lobe occipital des primates. (About the principal sulci of the occipital lobe of primates.) C. R. Acad. Sci., 1957, 244, 2852-2854.
- 132.22 Belova, T. I. Postcentral and superior parietal regions of cerebral cortex in chimpanzee. Arkh. Anat. Gistol. Embriol., 1965, 1, 46-56.

133.00 Nervous System
(Cerebral Cortex)
(Insula)

- 133.1 Cunningham, D. J. The sylvian fissure and the Island of Reil in the primate brain. J. Anat., 1891, 25, 286-291.
- 133.2 Waldeyer, W. Ueber die "insel" des Gehirns der Anthropoiden. (The insula of the brain of anthropoid apes.) Korresp. Bl. dtsch. Ges. Anthropol., 1891, 22, 110-112.
- 133.3 Holl, M. Ueber die Insel des Menschen und Anthropoidengehirnes. (The insula of the human and anthropoid ape brain.) Arch Anat. Physiol., Anat. Abt., 1902, 1-144.
- 133.4 Holl, M. Zur vergleichenden Morphologie der "vorderen Insel" des menschlichen Gehirns. (Comparative morphology of the "anterior insula" of the human brain.) S. E. Akad. Wiss. Wien., Abt. 3, 1908, 117, 325-364.
- 133.5 Holl, M. Die Entwicklung der Bogenwindung an der hinteren Insel des Menschen und Affenhirns. (The development of the circular gyrus on the posterior insula of the human and ape brain. S. B. Akad. Wiss. Wien., Abt. 3, 1909, 118, 265-371.
- 133.6 Holl, M. Ueber bisher unbekannte Bildungen im hintersten Inselgebiet des Menschen und Affenhirns. (About recently unknown structure in the most posterior area of the insula of the human and ape brain.) S. B. Akad. Wiss. Wien., Abt. 3, 1909, 118, 129-179.
- 133.7 Anthony, R., & deSanta-Maria, A. S. Le territoire du neopallium chez les primates. II. Le circulaire superieur de Reil et la suprasylvia chez les lemuriens, les singes, et l'homme. (The region of the neopallium in primates. II. The superior circle of Reil and the supra-sylvian fissure in the lemurs, the apes, and in man.) Rev. Anthropol., 1912, 22, 275-290.
- 133.8 Ngowyang, G. Beschreibung einer Art von Spezialzellen in der Inselrinde zugleich Bemerkungen ueber die von Economoschen Spezialzellen. (Description of a type of special cells in the insular cortex along with observations on the special cells of von Economo.) J. Psychol. Neurol., Leipzig, 1932, 44, 671-674.
- 133.9' Ngowyang, G. Neuere Befunde ueber die Gabelzellen. (Newer findings on the bipolar cells.) Z. Zellforsch., 1936, 25, 236-239.

133.10 Friant, M. Nouvelle interpretation de la morphologie de l'insula humaine. Conclusion d'un ensemble de recherches sur le territoire neopallial operculise des mammifères et, en particular des primates. (New interpretation of the morphology of the human insula. Conclusion of the assembled research on the neopallium operculum region of the mammals and in particular the primates.) Bull. Mus. Hist. nat. Paris, 1940, 12, 195-223.

133.11 Bailey, P., von Bonin, G., & McCulloch, W. S. The isocortex of the chimpanzee. Urbana: Univ. Ill. Press, 1950, 13, 440.

133.12 Friant, M. Sur l'extension progressive de l'insula cerebrale des singes inférieurs aux anthropoides et des anthropoides à l'homme. (On the progressive extension of the cerebral insula from the lower apes to the anthropoids and from the anthropoids to man.) C. R. Acad. Sci., 1954, 239, 1422-1423.

133.13 Rakic, P. & Yakovlev, P. I. Development of the corpus callosum and cavum septi in man. J. comp. Neurol., 1968, 132, 45-72. Abstract: Biol. Abstr., 1968, 49, #95465.

134.00 Nervous System (Cerebral Cortex, Rhinencephalon)

- 134.1 Rose, M. Die sogenannte Riechrinde beim Menschen und beim Affen. II. Teil des "Allocortex bei Tier und Mensch." (The so-called olfactory cortex in humans and in apes. II. Part of the "allocortex in animal and man.") J. Psychol. Neurol., 1927, 34, 261-401.
- 134.2 Rose, M. Gyrus limbicus anterior und Regio retrosplenialis. Cortex holoprotptychos quinquestratificatus. Vergleichende Architektonik bei Tier und Mensch. (The anterior limbic gyrus and retrosplenial region. Cortex holoprotptychos quinquestratificatus. Comparative architectonics of animal and man.) J. Psychol. Neurol., 1927, 35, 65-173.
- 134.3 Rose, S. Vergleichende Messungen im Allocortex bei Tier und Mensch. (Comparative measurements in the allocortex of animal and man.) J. Psychol. Neurol., 1927, 34, 250-255.
- 134.4 Altschul, R. Die Glomeruli der Area praesubicularis. (The glomeruli of the presubiculum.) Z. Ges. Neurol. Psychiat., 1933, 148, 50-54.
- 134.5 Altschul, R. Vergleichende Untersuchungen ueber den Uncus gyri hippocampi (Affenuncus). (Comparative studies on the uncus of the hippocampal gyrus) (Uncus of the apes.) Z. Ges. Neurol. Psychiat., 1933, 147, 478-488.
- 134.6 Sgonina, K. Zur vergleichenden Anatomie der Entorhinal und Praesubikularregion. (Concerning the comparative anatomy of the entorhinal and praesubicular region.) J. Psychol. Neurol. Lpz., 1937, 48, 56-163.
- 134.7 Sgonina, K. Die Entorhinalregion des Gorillas im Vergleich zum Menschen und Schimpansen. (The entorhinal region of the gorilla in comparison to humans and chimpanzees.) S. B. Ges. naturf. Fr. Berl., Berlin, 1937, 111-114.
- 134.8 Stephan, H. & Andy, O. J. The allocortex in primates. Advanc. Primatol., 1970, 1, 109-135.

135.00 Basal Ganglia, Diencephalon, and Cerebellum

- 135.1 Spitzka, E.C. The peduncular tracts of the anthropoid apes. J. nerv. ment. Dis., 1879, 6, 461-487.
- 135.2 Moller, J. Einiges ueber die Zirbeldruse des Chimpanse. (Some notes on the pineal gland of the chimpanzee.) Verh. Naturf. Ges. Basel, 1886-1890, 8, 755-760.
- 135.3 Kallius, E. Ueber die Medulla spinalis und die Medulla oblongata von Troglodytes niger. (The spinal cord and the medulla oblongata of Troglodytes niger.) Inaug. Diss. (Med.), Berlin: G. Schade, 1892, 38 pp.
- 135.4 Stroud, B.B. The morphology of the ape cerebellum. Proc. Sess. Ass. Amer. Anat., 1897(1898), 10, 107-126.
- 135.5 Taylor, E.W. The minute anatomy of the oblongata and pons of the chimpanzee (Troglodytes niger) with special reference to their homologies with man. J. Boston Soc. med. Sci., 1898, 3, 1-23.
- 135.6 Bolk, L. Das Cerebellum der Saeugetiere; eine vergleichend anatomische Untersuchung. Teil. I-II. (The cerebellum of mammals; a comparative anatomical study. I-II.) Ned. Bijdr. Anat., 1904, 3, 1-36; 1905, 3, 485-598; 1906, 4, 115-194.
- 135.7 Beccari, N. Il lobo paraolfattorio nei mammiferi. (The paraolfactory lobes of mammals.) Arch. ital. Anat. Embriol., 1910, 9, 173-220.
- 135.8 Bruce, A.N. The arcuate nucleus in man, the anthropoid apes and the microcephalic idiot. Rev. Neurol. Psychiat., 1914, 12, 51-53.
- 135.9 Brouwer, B. Klinisch-anatomische Untersuchungen ueber den Oculomotoriuskern. (Clinical-anatomical research on the oculomotor nucleus.) Z. ges. Neurol. Psychiat., 1918, 40, 152-193.
- 135.10 Plaut, A. Die Hypophysis eines Schimpansen. (The hypophysis of chimpanzees.) Anat. Anz., 1922, 56, 177-180.
- 135.11 Tilney, F. Genesis of cerebellar functions. Arch. Neurol. Psychiat., 1923, 9, 137-169.
- 135.12 Ayala, G. Weitere Untersuchungen ueber den Nucleus subputaminalis. (Further research on the subputamenal nucleus.) J. Psychol. Neurol., 1924, 30, 285-295.

135.13 Gans, A. Beitrag zur Kenntnis des Nucleus dentatus aus zwei Teilen, namentlich auf Grund von Untersuchungen mit der Eisenreaktion. (A contribution to knowledge of the two-part structure of the dentate nucleus on the basis of research with the iron reaction.) Z. ges. Neurol. Psychiat., 1924, 93, 750-756.

135.14 Putnam, T.J. Studies on the central visual system. II. A comparative study of the form of the geniculostriate visual system of mammals. Arch. Neurol. Psychiat., Chicago, 1926, 16, 285-300.

135.15 Weil, A. A comparative quantitative study in proprioceptive tracts of mammals. J. comp. Neurol., 1927, 44, 61-67.

135.16 Tilney, F. The brain stem of "tarsius". A critical comparison with other primates. J. comp. Neurol., 1927, 43, 371-432.

135.17 Riley, H.A. The mammalian cerebellum. A comparative study of the arbor vitae and folial pattern. Arch. Neurol. Psychiat., 1928, 20, 895-1034.

135.18 Weil, A. Measurements of cerebral and cerebellar surfaces. Comparative studies of the surfaces of endocranial casts of man, pre-historic men, and anthropoid apes. Amer. J. phys. anthrop., 1929, 13, 69-90.

135.19 Plaut, A. Die Hypophysis eines Orang-Utang. Nebst Bemerkungen ueber die sogenannte Pars intermedia bei Menschenaffen und Mensch. (The hypophysis of an orangutan. With observations on the so-called pars intermedia of anthropoid apes and man.) Anat. Anz., 1930, 68, 408-415.

135.20 Riley, H.A. The lobules of the mammalian cerebellum and cerebellar nomenclature. Arch. Neurol. Psychiat., 1930, 24, 227-256.

135.21 Grunthal, E. Vergleichend-anatomische Untersuchungen ueber den Zellbau des Globus Pallidus und Nucleus basalis der Saeuger und des Menschen. (Comparative anatomical research on the cell structure of the globus pallidus and basal nucleus of mammals and humans.) Jour. Psychol. u. Neurol., 1932, 44, 403-428.

135.22 Grunthal, E. Ueber das spezifisch Menschliche im Hypothalamusbau. Eine vergleichende Untersuchung des Hypothalamus beim Schimpanse und Menschen. (The specific human-like features in the hypothalamic structure. A comparative investigation of the hypothalamus of chimpanzees and humans.) J. Psychol. u. Neurol., 1933, 45, 237-263.

135.23 Grunthal, E. Neuere Ergebnisse vergleichend anatomischer Untersuchungen des Zwischenhirns der Saeuger und das spezifisch Menschliche in seinem Bau. (Recent results of comparative anatomical research on the diencephalon of mammals and the specific human-like features in its structure.) Naturwissenschaften, 1933, 21, 521-525.

135.24 Grunthal, E. Der Zellbau im Thalamus der Saeuger und des Menschen. Eine beschreibend und vergleichend anatomische Untersuchung. (Cellular structure in the thalamus of mammals and humans. A descriptive and comparative anatomical investigation.) J. Psychol. Neurol., 1934, 46, 41-112.

135.25 Grunthal, E. Newer results in the comparative anatomic investigation of the midbrain of mammals, particularly its structure in man. J. nerv. ment. Dis., 1935, 81, 14-23.

135.26 Poljak, S., & Hayashi, R. The cerebral representation of the retina in the chimpanzee. Brain, 1936, 59, 51-60.

135.27 Naito, M. Der zytologische Bau der "Pars tuberoinfundibularis" des Hypothalamus des Affen. Untersuchungen ueber den Hypothalamus. VII. (The cytological structure of the "pars tuberoinfundibularis" of the hypothalamus of monkeys. Research on the hypothalamus. VII.) Osaka Igk. Z., 1936, 35, 1663-1675.

135.28 Sasaki, H. Zytologische Untersuchungen des Corpus mammillare vom Hypothalamus des Affen. Untersuchungen ueber den Hypothalamus. VIII. (Cytological research on the mammillary body of the hypothalamus of apes. Research on the hypothalamus. VIII.) Osaka Igk. Z., 1936, 35, 2273-2278.

135.29 Walker, A.E. Experimental anatomical studies of the topical localization within the thalamus of the chimpanzee. Proc. Acad. Sci. Amst., 1937, 60, 198-206.

135.30 Dow, R.S. Effect of lesions in the vestibular part of the cerebellum in primates. Arch. Neurol. Psychiat., 1938, 40, 500-520.

135.31 Walker, A.E., & Fulton, J.F. The thalamus of the chimpanzee. III. Metathalamus, normal structure and cortical connections. Brain, 1938, 61, 250-268.

135.32 Walker, A.E. The thalamus of the chimpanzee. I. Termination of the somatic afferent systems. Confinia neurol., 1938, 1, 99-127.

135.33 Walker, A.E. The thalamus of the chimpanzee. IV. Thalamic projections to the cerebral cortex. J. Anat., 1938, 73, 37-93.

135.34 Walker, A.E. The anatomical basis of the thalamic syndromes. J. belg. Neurol. Psychiat., 1938, 38, 69-95.

135.35 Walker, A.E. The thalamus of the chimpanzee. II. Its nuclear structure, normal and following hemidecortication. J. comp. Neurol., 1938, 69, 487-507.

135.36 Walker, A.E. The primate thalamus. Chicago: Univ. Chicago Press, 1938.

- 135.37 Aschoff, L. Ueber die Hypophyse bei den Anthropoiden.
(About the hypophysis in the anthropoids.) Endocrinologie, 1939,
21, 225-230.
- 135.38 Bailey, P., von Bonin, G., Carol, H. W., & McCulloch W. S.
Cortical origin and distribution of corpus callosum and anterior
commissure in chimpanzee (*Pan satyrus*). J. Neurophysiol., 1941, 4,
564-571.
- 135.39 Harman, P. J. Volumes of basal ganglia and cortex in mammals.
Proc. Soc. Exp. Biol. & Med., 1943, 54, 297-298.
- 135.40 Kennard, M. A. Experimental analysis of the functions of the
basal ganglia in monkeys and chimpanzees. J. Neurophysiol., 1944,
7, 127-148.
- 135.41 Kohne, G. Vergleichend anatomische Untersuchungen der Hypophysen
von niederen und Menschen-Affen mit besonderer Beruecksichtigung der
Zona intermedia. (Comparative anatomical investigation of the hy-
pophysis of lower and anthropoid apes with special consideration
to the intermediate zone.) Veroff. Konstitu. Wehrpath., 1944,
53, 78 pp.
- 135.42 Toncray, J. E., & Wendell, J. S. K. The Nuclei of the human
thalamus: a comparative approach. J. comp. Neurol., 1946, 85,
421-459.
- 135.43 Niemer, W. T. The tegmental nuclei of the isthmus, midbrain
and subthalamus of the chimpanzee. Abstract of theses, Cornell
University, 1947, 227-231.
- 135.44 Feremutsch, K. Der Hypothalamus der Anthropomorphen. Eine
vergleichend-anatomische Studie. (The hypothalamus of the anthropoids.
A comparative anatomical study.) Monat. Psychiat Neurol., 1948,
115, 194-222.
- 135.45 Harman, P. J., & Carpenter, M. B. Volumetric comparisons
of the basal ganglia of various primates including man. J. comp.
Neurol., 1950, 93, 125-137.
- 135.46 Chacko, L. W. The percentage volume of the lateral geniculate
body in relation to the total brain volume in the primates. J. anat.
Soc. India, 1954, 3, 36-38.
- 135.47 Walker, A. E. The meaning of the thalamus. Congr. latinoamer.
neurocir., 1955, 6, 926-946.
- 135.48 Chacko, L. W. The lateral geniculate body in gibbon (*Hylobates*
hoolock). J. anat. Soc. India, 1955, 4, 69-81.
- 135.49 Chacko, L. W. The lateral geniculate body of the chimpanzee.
J. anat. Soc. India, 1955, 4, 10-13.
- 135.50 Russell, G. V. The nucleus locus caeruleus (dorsolateralis
tegmenti). Tex. Rep. Biol. Med., 1955, 13, 939-988.

- 135.51 Simma, K. Der Thalamus der Menschenaffen. Eine vergleichend anatomische Untersuchung. (The thalamus of the anthropoid apes. A comparative anatomical study.) Psychiat. Neurol. Basel, 1957, 134, 145-174.
- 135.52 Kuypers, H. Pericentral cortical projections to motor and sensory nuclei. Science, 1958, 128, 662-663.
- 135.53 Hewitt, W. The mammalian caudate nucleus. J. Anat., 1959, 93, 169-176.
- 135.54 Daron, G.H. Morphology of the cerebellar dentate nucleus in a chimpanzee. Anat. Rec., 1960, 138, 81-92.
- 135.55 Heiner, J.R. A reconstruction of the diencephalic nuclei of the chimpanzee. J. comp. Neurol., 1960, 114, 217-238.
- 135.56 Marsden, C.D. Pigmentation in the nucleus substantiae nigrae of mammals. J. Anat. Lond., 1961, 95, 256-261.
- 135.57 Niimi, K., Kanaseki, T. & Takimoto, T. The comparative anatomy of the ventral nucleus of the lateral geniculate body in mammals. J. comp. Neurol., 1963, 121, 313-323.
- 135.58 Feremutsch, K. Thalamus. In Hofer, H., Schultz, A.H. & Stark, D. (Eds.), Primateologia. Handbuch der Primatenkunde. Basel: S. Karger, 1963.
- 135.59 Marsden, C.D. & Rowland, R. The mammalian pons, olive and pyramid. J. comp. Neurol., 1965, 124, 175-187.
- 135.60 O'Leary, J.L., Smith, J.M., Tidwell, M. & Harris, A.B. Synapses in the lateral geniculate nucleus of the primate. Neurology (Minneap.), 1965, 15, 548-555.
- 135.61 Kesarev, V.S. Structural features of hypothalamus in man and other primates (chimpanzee, macaque). Zh. Nevropat. Psichiat., 1965, 65, 696-702. (Engl. trans.: Fed. Proc., 1966, 25, T243-T247.)
- 135.62 Gerhard, L. Zur vergleichenden Anatomie und Histologie vegetativer Kerngebiete in Mittelhirn, Brücke und Medulla oblongata. (The comparative anatomy and histology in vegetative nuclear areas in the mid-brain, pons, and medulla oblongata.) Acta neuroveg. (Wien), 1967, 30, 155-168.
- 135.63 Hopf, A., Gehr, M. & I. Vergleichende Architektonik des Primathalamus. (Comparative architektonics of the Thalamus in Primates) Neue Ergebnisse der Primatologie, (New Results of Primatology), D. Starck, R. Schneider, & H.-J. Kuhn, Eds. Stuttgart Gustav Fischer Verlag, 1967, 120-127.

135.64 Kraus, C. & Gehr, M. Vergleichende morphometrische Untersuchungen
Über den Thalamus der Cetacea. (Comparative Morphometric Investigations
of Thalamus of Cetacea) J. Hirnforsch., 1968, 10, 441-449.

135.65 Shantha, T. R. & Manocha, S. L. The brain of chimpanzee (Pan
troglodytes). II. Basal ganglia, septal area, epithalamus, dorsal
thalamus, methathalamus, subthalamus and hypothalamus. In G. H. Bourne
(Ed.) The Chimpanzee Vol. 1, Basel: S. Karger, 1969, 238-305.

135.66 Shantha, T. R. & Manocha, S. L. The brain of chimpanzee (Pan
troglodytes). III. Midbrain, pons, medulla oblongata and cerebellum.
In G. H. Bourne (Ed.) The Chimpanzee Vol. 1, Basel: S. Karger, 1969,
306-368.

135.67 Fix, J. D. & Treff, W. M. Bauprinzipien der phylogenetischen
Entwicklung der Kleinhirnkerne bei den Primaten. (Basic principle of
the phylogenetic development of the cerebellum-nucleus in primates.)
Acta. anat. (Basel), 1970, 76, 337-351.

135.68 Dillon, L. S. & Atkins, D. L. Two unique features of the anterior
cerebellum in the higher primates, including man, Anat. Rec., 1970,
168, 415-431.

135.69 Larsell, O. The comparative anatomy and histology of the cere-
bellum from monotremes through the apes. Minneapolis, Univ. of Minnesota
Press, 1970, viii, 269 pp.

136.00 Brain Stem and Spinal Cord

136.1 Virchow, H. Ueber das Rueckenmark der Anthropoiden. (The spinal cord of the anthropoid apes.) Anat. Anz., 1888, 3, 509-510.

136.2 Sherrington, C. S. On out-lying nerve cells in the mammalian spinal cord. Philos. Trans., 1890, 181, 33-48.

136.3 Sergi, S. Sulla topografia vertebo-midollare nello chimpanze. Nota. I. (About the topography of the vertebrae and spinal cord of the chimpanzee.) R. C. Accad. Lincei, 1920, 29, 394-397.

136.4 Sergi, S. Studi sul midollo spinale dello chimpanze. (Studies about the spinal cord of the chimpanzee.) Riv. Anthrop., 1920-21, 24, 301-390.

136.5 Sergi, S. I gruppi cellulari miorabdotici della regione lombosacrale del midollo spinale dello cimpanze. Nota preventiva e riassuntiva. (The rod like cell groups of the lumbosacral area of the spinal cord of the chimpanzee. Preliminary note and conclusion.) R. C. Accad. Lincei, 1924, 33, 514-518.

136.6 Sergi, S. I gruppi cellulari miorabdotica nella regione cervicale del midollo spinale dello cimpanze. Nota preventiva e riassuntiva. (The rod like cell groups in the cervical region of the spinal cord in chimpanzees. Preliminary note and conclusion.) R. C. Accad. Lincei, 1924, 33, 348-352.

136.7 Sergi, S. I gruppi cellulari miorabdotici nella regione toracica ed i limiti tra regione toracica e regione lombare nel midollo spinale dello cimpanze. Nota preventiva e riassuntiva. (The rod like cell groups in the thoracic region and in the transition zone between the thoracic and lumbar region of the spinal cord in the chimpanzee. Preliminary note and conclusion.) R. C. Accad. Lincei, 1924, 33, 437-440.

136.8 Sergi, S. Studi sul midollo spinale dello cimpanze. IV. I gruppi cellulari miorabdotici. (Nuclei motorii cornu ventralis). (Studies about the spinal cord of the chimpanzee. IV. The rod like cellular groups (motor nuclei of the ventral horn.) Rev. Anthrop., 1926-27, 27, 181-281.

136.9 Bertrand, I., & Mareschal, P. Sur les caracteres morphologiques de perfectionnement du complexe olivaire inferieur chez les anthropoids et chez l'homme. (On the morphologic particularities of the development of the inferior olives region in the anthropoids and in man.) C. R. Soc. Biol., 1933, 114, 1098-1100.

136.11 Polyakov, G.I. Orekotorykh osobennostyakh usolozhneniya struktury neironov tsentral' noi nervnoi sistmey u cheloveka, primatov i drugikh mlekopitayushchikh. (Some features of the complication of neural structure in the central nervous system of man, primates and other mammals.) Sovet. Antropol., 1958, 2, 35-56. Referat. Zhur. Biol., 1960, No. 93804 (Transl.)

136.12 Petras, J.M. Corticospinal fibers in New World and Old World simians. Brain Res., 1968, 8, 206-208.

136.13 Schön, M.A. & Straus, W.L., Jr. On the proportions between some areas of the first cervical segment of the spinal cord of primates. Proc. nat. Acad. Sci. (Wash.), 1969, 63, 1174-1180.

136.14 Noback, C. R. and Simenauer, S.K. The spinal cord (spinal medulla) of the chimpanzee. In The chimpanzee. Vol. 2. Physiology, behavior, serology, and diseases of chimpanzees. G. H. Bourne (Ed.) Published in simultaneous European (Basel: Karger, 1970) and American (Baltimore: University Park Press, 1970) editions.

137.00 Cranial Nerves and Sympathetic Nervous System

137.1 von Ihering, H. Das peripherische Nervensystem der Wirbelthiere als Grundlage fuer die Kenntniss der Regionenbildung der Wirbelsaule. (The peripheral nervous system of the vertebrates as a basis for determining the regional development of the vertebral column.) Leipzig: F.C.W. Vogel, 1878, 238 pp.

137.2 Utschneider, A. Die Lendennerven der Affen und des Menschen. (The lumbar nerves of apes and humans.) Munch. med. Abh., 1892, 32 pp.

137.3 Hofer, W. Vergleichend-anatomische Studien ueber die Nerven des Armes und der Hand bei den Affen und dem Menschen. (Comparative anatomical studies on the nerves of the arm and hand of apes and humans.) Muench. med. Abh., 1892, Reihe 7, Heft 3, 106 pp.

137.4 Ruge, G. Verschiebungen in den Endgebieten der Nerven des Plexus lumbalis der Primaten. Zeugnisse fur die Metamere Verkuerzung des Rumpfes bei Saeugethieren. Eine vergleichend-anatomische Untersuchung. (Displacement in the terminal regions of nerves of the lumbar plexus of primates. Evidence for the metameric shortening of the torso of mammals. A comparative anatomical research.) Morph. Jb., 1893, 20, 305-397.

137.5 Garnier, C., & Villemin, F. L'anse nerveuse sympathique peri-thyroidienne superieure chez le singe. (The superior parathyroid sympathetic loop in apes.) Bull. Soc. anat. Paris, 1910, 85, 311-315.

137.6 Fieandt, E. Ueber das Wurzelgebiet des Nervus hypoglossus und den Plexus hypo-glosso-cervicalis bei den Saeugetieren. (The root area of the hypoglossal nerve and the hypo-glosso-cervical plexus of mammals.) Gegenbaurs Jb., 1914, 48, 513-643.

137.7 Hartmann-Weinberg, A. Der Plexus aorticus abdominalis der Anthropoiden. (The abdominal aortic plexus of the anthropoids.) Anat. Anz., 1926, 60, 545-584.

137.8 Ishihara, K. Zur vergleichenden Anatomie des Nervus vestibularis. (Comparative anatomy of the vestibular nerve.) Arb. neurol. Inst. (Inst. Anat. Physiol. Zent Nerv.) Univ. Wien, 1931, 33, 233-247.

137.9 Rotar, J. Recherches antomiques sur les rameaux communicants et les rameaux viscéraux et sur leurs rapports reciproques chez les vertébres. Note préliminaire. (Anatomical findings on the ramus communicans and the visceral ramus and their reciprocal connections in vertebrates. Preliminary note.) Bull. Mus. Hist. nat., 1931, 3, 727-736.

- 137.10 Botar, J. Der Truncus sympathicus lumbalis. (The lumbar sympathetic trunk.) Acta Univ. Szeged. Sectio medicorum, 1932, 6, 150-222.
- 137.11 Ssokolow, P. Zur Anatomie des N. suralis beim Menschen und Affen. (Anatomy of the sural nerve in humans and apes.) Z. Anat. Entw. Gesch., 1933, 100, 194-217.
- 137.12 Clavelin, P., & Coulouma, P. La terminaison des nerfs pneumogastriques chez l'homme et les singes anthropomorphes. (The termination of the pneumogastric nerves in man and the anthropoid apes.) Bull. Soc. Anthrop. Paris, 1934, 5, 51-59.
- 137.13 Kolesnikov, V.V. The relation of the trunks and cardiac branches of the jugular section of the sympatheticus and vagus in some apes.) Arkh. biol. Nauk., 1935, 39, 405-419.
- 137.14 Dolin, A.O., & Selheim, A.P. Phylo-and onto-genesis of reflex activity of apes and monkeys. Neurol. i. Genet., 1936, 1, 143-176.
- 137.15 Fuse, G. Ueber ein bisher nicht genuegend darges telltes bze. gewuerdigtes Grau in und an der spinalen Quintuswurzel, die Nuclei intra- und extratrigeminales, bei einigen Affen. (About several obscure grey substances in and near the spinal root of the trigeminal nerve, namely, the nuclei intra and extratrigeminales in several simians.) Arb. anat. Inst. Sendai, 1940, 32, 225-247.
- 137.16 Bolonyi, F. Contribution a la connaissance du nerf glossopharyngien chez les primates. (Contribution to the knowledge of the glossopharyngeal nerve in the primates.) Bull. Mus. Hist. nat. Paris, 1948, 20, 136-146.
- 137.17 Ashton, E.H., & Oxnard, C.E. Some variations in the maxillary nerve of primates. Proc. zool. Soc. Lond., 1958, 131, 457-469.
- 137.18 Kusakabe, A., Shiozumi, H., Ounaka, S. & Mizoguti, H. [Plexus brachialis of a chimpanzee (Pan satyrus L.).] Acta anat. nippon., 1965, 40, 183-191.
- 137.19 El-Assy, Y.S. Beitrage zur Morphologie des Peripheren Nervensystems der Primaten. (Contributions to the Morphology of the Peripheral Nerve System of Primates.) Gegenbaurs. morph. Jb., 1966, 108, 476-567.
- 137.20 Gourmain, J. Le plexus lombo-sacré chez les primates. (The lumbar-sacral plexus in primates.) J. Hirnforsch., 1966, 8, 315-341.
- 137.21 Mizuno, N. The brachial, lumbar, and sacral plexuses in an owl-monkey (Aotes trivirgatus Humboldt, 1811), with special reference to comparison with other primates. Primates, 1966, 7, 449-470.

137.22 Petras, J.M. Some efferent connections of the motor and somato-sensory cortex of simian primates and felid, canid and procyonid carnivores. Ann. N.Y. Acad. Sci., 1969, 167, 469-505.

137.23 Manocha, S.L. Cranial nerve nuclei of the chimpanzee brain (Pan troglodytes). Pp. 17-21 in Proceedings of the second international congress of primatology, vol. 3, H. O. Hofer, Ed. Basel: S. Karger, 1969.

138.00 Sense Organs

- 138.1 Nepveu, G. Observations sur les corpuscles de Pacini chez le singe. (Observations on the Pacini corpuscles in apes.) Ann. Sci. Nat. Zool., 1869, 12, 326-337.
- 138.2 Tifani, A. L'organe de corti chez les singes. (The organ of corti in apes.) Arch. ital. Biol., 1884, 6, 207-247.
- 138.3 Zuckerkandl, E. Das peripherer Geruchsorgan der Saeugethiere. Eine vergleichend anatomische Studie. (The peripheral olfactory organ of mammals. A comparative anatomical study.) Stuttgart: Ferdinand Enke, 1887, 116 pp.
- 138.4 Moller, J. Ein interessanter Befund am Chiasma n. o. des Chimpanzen. (An interesting finding on the optic chiasma of the chimpanzee.) Anat. Anz., 1889, 4, 539-545.
- 138.5 Giacomini, C. La "plica semilunaris" et le larynx chez les singes anthropomorphes. (The plica semilunaris and the larynx in the anthropoid apes.) Arch. ital. Biol., 1897, 28, 98-119.
- 138.6 Giacomini, C. La "plica semilunaris" et la laringe nelle scimmie anthropomorfe (nota supletoria alla antomia del negro). (The plica semilunaris and larynx in the anthropoid apes. A supplementary note on the anatomy of the negro.) G. Accad. Med. Torino, 1897, 60, 649-672.
- 138.7 Johnson, G.L. Observations on the opthalmo-scopic appearances of the eyes of the eyes of the order primates. Proc. zool. Soc. Lond., 1897, 183-188.
- 138.8 Johnson, G.L. Contributions to the comparative anatomy of the mammalian eye, chiefly based on ophthalmoscopic examination. Philos. Trans., 1901, 194, 1-82.
- 138.9 Koch, W. Die Entwicklung der Ohrmuschel bei anthropoiden Affen in ihren Beziehungen zu den Bildungs-Anomalien der menschlichen Ohrmuschel. (The development of the external ear of anthropoid apes in its relations to the developmental anomalies of the human external ear.) Inug. Diss. (Med.), Zurich-Buchs: 21 pp, 1902.
- 138.10 Smith, G.E. The morphology of the occipital region of the cerebral hemisphere in man and the apes. Anat. Anz., 1904, 24, 436-451.
- 138.11 Hotta, G. Das Auge der Anthropoiden Affen. Beitraege zur vergleichenden Anatomie, mit besonderer Beruecksichtigung der Iris-muskulatur. (The eye of the anthropoid apes. Contributions to comparative anatomy, with special consideration of the iris musculature.) v. Graefes Arch. Ophthal., 1905, 62, 250-274.

138.12 Adachi, B. Mikroskopische Untersuchungen ueber die Augenlider der Affen und des Menschen (insbesondere der Japaner). Anatomisch anthropologische Untersuchungen an den Japanern XI. (Microscopic investigations of the eyelids of apes and humans - particularly the Japanese. Anatomical anthropological research on the Japanese XI.) Mitt. med. Fak., Tokio, 1907, 7, 47-90.

138.13 Kolmer, W. Histologische Studien am Labyrinth mit besonderer Beruecksichtigung des Menschen, der Affen und der Halbaffen. (Histological studies on the labyrinth with particular consideration of the humans, the monkeys, and the lower primates.) Arch. mikr. Anat., 1909, 74, 259-310.

138.14 Hauschild, M.W. Untersuchungen ueber die Pigmentation im Auge verschiedener Menschenrassen und die Pigmentation im Saugetierauge ueberhaupt. (Research on pigmentation in the eye of various human races and the pigmentation in the mammalian eye in general.) Z. Morph. Anthrop., 1910, 12, 473-544.

138.15 Bartels, P. Histologisch-anthropologische Untersuchungen der Plica semilunaris bei Herero und Hottentotten, sowie bei einigen Anthropoiden. (Histo-anthropological investigations of the plica semilunaris among Hereros and hottentots, as well as a few anthropoid apes.) Arch. mikr. Anat., Abt. 1, 1911, 78, 529-564.

138.16 Franz, V. Studien zur vergleichenden Anatomie der Augen der Saugetiere. (Studies on the comparative anatomy of eyes of mammals.) Arch. vergl. Ophthal., 1911, 2, 180-217, 269-322.

138.17 Boas, J.E.V. Ohrknorpel und aeusseres Ohr der Saeugetiere. Eine vergleichend anatomische Untersuchung. (Cartilage and external ear of the mammals. A comparative anatomical investigation.) Kopenhagen, 1912, 226 pp.

138.18 Schwalbe, G. Beitraege zur Kenntnis des aeusseren Ohres der Primaten. (Contributions to knowledge of the external ear of primates.) Z. Morph. Anthrop., 1916, 19, 545-669.

138.19 Collins, E.T. Changes in the visual organs correlated with the adoption of arboreal life and with the assumption of the erect posture. Trans. ophthal. Soc., U.K., 1921, 41, 10-90.

138.20 Lebœucq, G. La macula lutea des primates. (The lutea macula of primates.) C.R. Ass. Anat., 1922, 17, 185-189.

138.21 Wolfrum. Ueber den Bau der Irisvordeflaeche des menschlichen Auges mit vergleichenden anatomischen Bemerkungen. (The structure of the anterior surface of the iris of the human eye, with comparative anatomical observations.) v. Graefes Arch. Ophthal., 1922, 109, 106-153.

- 138.22 Leboucq, G. Organe hyloïdien rudimentaire dans l'œil des primates. (The rudimentary hyloïdian organ in the ear of primates.) Bull. Acad. Med. Belg., 1923, 3, 115-125.
- 138.23 Hartmann, E. Direction du canal optique chez l'homme et les singes. (Direction of the optic canal in man and apes.) Bull. Soc. Anthropol. Paris, 1923, 4, 33-53.
- 138.24 Girard, L. Le plan des canaux semi-circulaires horizontaux considere comme plan horizontal de la tête. (The plane of the horizontal semi-circular canals considered as the horizontal plane of the head.) Bull. Soc. Anthropol. Paris, 1923, 4, 14-33.
- 138.25 Kolmer, W. Bemerkungen ueber Adaptationsvorgaenge in den Sehelementen. (Observations on the adaptation processes in the visual elements.) v. Graefes. Arch. Ophthal., 1925, 115, 310-313.
- 138.26 Woillard, H. H. The differentiation of the retina in the primates. Proc. zool. Soc. Lond., 1927, 1-17.
- 138.27 Beck, E. Das Höerzentrum des Schimpansen in seinem myelo-architektonischen Aufbau. Vorlaeufige Mitteilung. (The auditory center of the chimpanzee in its myelo-architectonic structure. Preliminary note.) J. Psychol. Neurol., 1928, 36, 325-349.
- 138.28 Kolmer, W. Zur Kenntnis des Auges der Primaten. (Contribution to the knowledge of the eye of primates.) Z. Anat. Entw. Gesch., 1930, 93, 679-722.
- 138.29 Haag, E. Ueber den Bau der Labyrinth-kapsel einiger Affenarten. (The structure of the labyrinth capsule of some ape species.) Arch. Ohr. Nas. Kehlk. Heilk., 1933, 136, 14-23.
- 138.30 Ardouin, P. Considerations anatomiques sur les osselets de l'ouïe chez certains singes anthropomorphes. (Anatomical considerations on the auditory ossicles in certain anthropomorphic apes.) Bull. Soc. Anthropol. Paris, 1934, 5, 20-47.
- 138.31 Poljak, S. Structure of the retina in primates. Acta. opthal. Khb., 1935, 13, 52-60.
- 138.32 Voss, H. Ein besonders reichliches Vorkommen von Muskelspindeln in der tiefen Portion des M. masseter des Menschen und der Anthropoiden. (A particularly abundant existence of muscle spindles in the deep portion of the masseter muscle of humans and the anthropoid apes.) Anat. Anz., 1936, 81, 290-292.
- 138.33 Poljak, S. Minute structure of the retina in monkey's and apes. Arch. Ophthal., 1936, 15, 477-519.

- 138.34 Voss, H. Untersuchungen ueber Zahl, Anordnung und Lange der Muskelspindeln in den Lumbricalmuskeln des Menschen und einiger Tiere. (Investigations of the number, arrangement, and length of muscle spindles in the lumbricalis muscles of humans and some animals.) Z. mikr. anat. Forsch., 1937, 42, 509-524.
- 138.35 Poljak, S.L. The retina. Chicago: U. of Chicago Press, 1941, 607 pp.
- 138.36 Walls, G.L. The vertebrate eye and its adaptive radiation. Bloomfield Hills, Michigan: Cranbrook Inst. of Science, 1942, 28, 913-937.
- 138.37 Rochon-Davigneaud, A. Les yeux et la vision des vertebres. (The eyes and the vision of vertebrates.) Paris: Masson & C., 1943, 719 pp.
- 138.38 Detwiler, S.R. Vertebrate photoreceptors. N.Y.: Macmillan Co., 1943, 184 pp.
- 138.39 Segall, W. The malleus (Ossiculum auditus) of the anthropoid apes. Fieldiana Zool., 1947, 31, 113-120.
- 138.40 Riesen, A.H. The development of visual perception in man and chimpanzee. Science, 1947, 106, 107-108.
- 138.41 Oppenheim, S. Metrische und deskriptive Merkmale des menschlichen und tierischen Auges. (Metric and descriptive characteristics of the human and animal eye.) Tabul. biol. Amst., 1947, 22, 54-153.
- 138.42 Delattre, A. & Fenart, R. Position du rocher par rapport au canal semi-circulaire horizontale chez les mammiferes. (Position of the petrous bone in relation to the horizontal semi-circular canal in mammals.) C. R. Ass. Anat., 1956, 43, 267-271.
- 138.43 Montagna, W., & Ellis, R.A. Cholinergic innervation of the Meibomian glands. Anat. Rec., 1959, 135, 121-127.
- 138.44 Ellis, R.A. Circulatory patterns in the papillae of the mammalian tongue. Anat. Rec., 1959, 133, 579-591.
- 138.45 Rohen, J.W. Primateologia, Vol. II. No. 1, lt. 6, Schorgan. S. Karger, 1962, 210 pp.
- 138.46 Winkelmann, R.K. Cutaneous sensory end organs of some anthropoid apes. Science, 1962, 136, 384-386.
- 138.47 Young, F.A. & Farrer, D.N. The refractive error and intraocular pressure of immature chimpanzees. Aeromedical Research Laboratory Technical Documentary Report 63-3, Holloman AFB, New Mexico, 1963.

138.48 Rohen, J.W. Das Auge und seine Hilfsorgane. (The eye and its auxiliary organs.) In Mollendorff, W. & Bargmann, W. Eds.), Handbuch der mikroskopischen Anatomie des Menschen, Berlin: Springer-Verlag, 1964.

138.49 Rohen, J. W. Die Rückbildung des Lig. pectinatum im Auge der Primaten und dessen klinische Bedeutung (auf Grund licht- und electronenmikroskopischer Untersuchungen). (The involution of the Lig. pectinatum in the eye of the primates and its clinical importance (based on investigations by light and electron microscopy.) Verh. anat. Ges. (Jena), 1964, 58, 104-110.

138.50 Rohen, J.W. & Voth, D. Zur vergleichenden Anatomie und Histochemie des Primatenauges. (The comparative anatomy and histochemistry of the primate eye.) Verh. anat. Ges. (Jena), 1964, 58, 418.

138.51 Stephan, H. Der Bulbus olfactorius accessorius bei Insekttivoren und Primaten. (The accessory olfactory bulb in insects and primates.) Acta anat. (Basel), 1964, 62, 215-253.

138.52 Castenholz, E. Über die Struktur der Netzhautmitte bei Primaten. (Concerning the structure of the middle layer of the retina in primates.) Z. Zellforsch., 1965, 65, 646-661.

138.53 Rohen, J.W. Neuere Ergebnisse einer funktionellen Anatomie des Sehorgans, unter besonderer Berücksichtigung der Elektronenmikroskopie. (Recent Results of a Functional Anatomy of the Organ of Vision with Special Application of the Electron Microscope.) Arch. Biol. (Liege), 1964, 75 (Suppl.), 975-1001. Abstract: Biol. Abstr., 1967, 48, #37527.

138.54 House, E.L., Pansky, B., Jacobs, M.S. & Wagner, B.M. Gross structure of the ear, nasal cavity and paranasal sinuses of the chimpanzee. Anat. Rec., 1966, 155, 77-88. Abstract: Excerpta med. (Amst.), 1967, 21 (Sect. 1), #1062.

138.55 Masali, M. & Chiarelli, B. The ear bones of the Old World primates. Pp. 145-149 in Neue Ergebnisse der Primatologie, D. Starck, R. Schneider & H.-J. Kuhn, Eds. Stuttgart: Gustav Fischer Verlag, 1967.

138.56 Moreland, J.D. The distribution of dendritic domains of retinal neurones. Vision Res., 1969, 9, 529-535.

138.57 Wolin, L.R. & Massopust, L.C., Jr. Morphology of the primate retina. Advanc. Primatol., 1970, 1, 1-27.

138.58 Riesen, A.H. Chimpanzee visual perception. In G. H. Bourne (Ed.), The chimpanzee, vol. 2. Physiology, behavior, serology, and disease of chimpanzees. Baltimore: University Park Press, 1970 edition Pp. 1-15.

138.59 Carpenter, R.L. The histology of the chimpanzee eye. In G. H. Bourne (Ed.), The chimpanzee, vol. 3, Baltimore: University Park Press, 1970, Pp. 120-166.

Physiology and

Pharmacology

201.00 Hematology
(Blood Groups)

- 201.1 Friedenthal, H. Ueber einen experimentellen Nachweis von Blutsverwandtschaft. (Experimental evidence of blood relationship.) Arch. Anat. Physiol., Physiol. Abt., 1900, 494-508.
- 201.2 Grunbaum, A. S. F. Note on the "blood relationship" of man and the anthropoid apes. Lancet, 1902, 143.
- 201.3 Uhlenhuth, P. Ein neuer biologischer Beweis fuer die Blutsverwandtschaft zwischen Menschen und Affengeschlecht. (A new biological evidence for the blood relationship between human and ape species.) Arch. Rass. u. Ges. Biol., 1904, 8, 682-688; Umschau, 1904, 8, 761-764; Fortschr. Med., 1904, 22, 946-948; Mitt. naturw. Ver. Greifswald, 1904, 36, 54-61.
- 201.4 Friedenthal, H. Ueber einen experimentellen Nachweis von Blutsverwandtschaft. II Theil. Ueber die Verwerthung der Reaction auf Blutsverwandtschaft. (An experimental evidence of blood relationship. Part II. Utilization of the blood-relationship reaction.) Arch. Anat. Physiol., Physiol. Abt., 1905, 1-24.
- 201.5 von Dungern, E. & Hirschfeld, L. Ueber gruppenspezifische Strukturen des Blutes. III. (Specific group structures of the blood. III.) Z. Immun. Forsch., 1911, 8, 526-562.
- 201.6 Landsteiner, K., & Miller, C. P. Serological studies on the blood of primates. II. The blood groups in anthropoid apes. J. exp. Med., 1925, 42, 853-862.
- 201.7 Landsteiner, K., & Miller, C. P. Serological observations on the relationship of the bloods of man and the anthropoid apes. Science, 1925, 61, 492-493.
- 201.8 Troisier, J. Blutstudien beim Schimpanse. (Blood studies on chimpanzees.) Ann. Inst. Pasteur, Paris, 1928, 42, 363-379.
- 201.9 Troisier, J. Le groups sanguin II de l'homme chez le chimpanze. (The blood group II of man in the chimpanzee.) Ann. Inst. Pasteur, 1928, 42, 363-379.
- 201.10 Weinert, H. Blutgruppenuntersuchungen an Menschenaffen. (Blood group research on anthropoid apes.) Kosmos, 1929, 26, 375-378.
- 201.11 Troisier, J. Les groupes sanguins du chimpanze. (The blood groups of the chimpanzee.) Ier Congr. Int. Microbiol., Paris, 1930.
- 201.12 Loeffler, L. Kurze Mitteilung ueber Blutgruppenuntersuchungen an niederen Affen. (A short report on blood group research on lower apes.) Verh. Ges. Phys. Anthropol., 1931, 5, 40-42.

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- 201.13 Weinert, H. Blutgruppenuntersuchungen an Menschenaffen und ihre stammesgeschichtliche Bewertung. (Blood group research on anthropoid apes and its phylogenetic evaluation.) Z. Rassenphysiol., 1931, 4, 8-23.
- 201.14 Weinert, H. Weitere Blutgruppenuntersuchungen an Affen. 2. Mitteilung. (Further blood group research on apes. 2. Announcement.) Z. Rassenphysiol., 1932, 5, 59-68.
- 201.15 Weinert, H. Neue Blutgruppenuntersuchungen an Affen im Jahre 1932. 3. Mitteilung. (New blood group research on apes in the year 1932. 3. Announcement.) Z. Rassenphysiol., 1933, 6, 75-81.
- 201.16 Dahr, P. Ueber A-B-O Blutgruppen und M-N Blutfaktoren anthropoider und niederer Affen. (A-B-O blood groups and M-N blood factors in the anthropoid and lower apes.) Z. Rassenphysiol., 1936, 8, 145-163.
- 201.17 Mollison, T. & von Krogh, C. Ein weiterer Beweis der chemischen Epigenese in der Stammesgeschichte der Primaten. (Further evidence of the chemical epigenesis in the phylogeny of the primates.) Anthrop. Anz., 1937, 13, 235-239.
- 201.18 Landsteiner, K. & Wiener, A. S. On the presence of M agglutinogens in the blood of monkeys. J. Immunol., 1937, 33, 19-25.
- 201.19 Dahr, P., & Lindau, H. Ueber die Ausscheidung von Blutgruppensubstanz bei einigen Saeugetieren unter besonderer Beruecksichtigung der Teilantigene des B. (About the secretion of the blood group substances in some mammals under special consideration of the several parts of the B antigen.) Z. ImmunForsch., 1937, 91, 470-484.
- 201.20 Dahr, P. & Rommel, R. Blutgruppenbefunde bei Schimpansen. (Blood group findings among chimpanzees.) Z. ImmunForsch., 1937, 90, 494-506.
- 201.21 Dahr, P. Weitere Blutgruppenbefunde bei Anthropoiden. (Further blood group findings in the anthropoid apes.) Z. Rassenphysiol., 1937, 9, 124-142.
- 201.22 Weinert, H. Blutgruppenuntersuchung an Schimpansen und Gibbon im Jahre 1935 und 1936. (Blood group research on chimpanzee and gibbon in the years 1935 and 1936.) Zeitschr. Rassenphysiol., 1938, 10, 7-16.
- 201.23 Dahr, P. Ueber Blutgruppen bei Menschenaffen. (Blood groups among anthropoid apes.) Dtsch. med. Wschr., 1938, 64, 1576-1578.
- 201.24 Wiener, A. S. The agglutinogens M and N in anthropoid apes. J. Immunol., 1938, 34, 11-18.
- 201.25 Sera, G. L. Proposta di interpretazione dei tipi sierologici A, B, AB, O. nell'uomo e nei mammiferi. (A proposed interpretation of the serological type A, B, AB, O, in mammals.) Riv. Biol., Firenze, 1938, 24, 99-111.

- 201.26 Dahr, P. & Lindau, H. Neure Blutgruppenbefunde bei Anthropoiden. (Newer blood group findings in anthropoids) Zeitschr. Immunitätsforsch., 1938, 94, 253-264.
- 201.27 Dahr, P. & Lindau, H. Ueber M-und N-ähnliche agglutinable Eigenschaften bei Affen. (Concerning M and N similar agglutinable properties in apes.) Z. ImmunForsch., 1938, 93, 335-355.
- 201.28 Dahr, P. Ueber Blutgruppen bei Menschenaffen. (Blood groups among anthropoid apes.) Zeitschr. Rassenphysiol., 1938, 10, 78-87.
- 201.29 Dahr, P. Ueber Blutgruppen bei Anthropoiden. (Blood groups in the anthropoids.) Z. Morph. Anthrop., 1939, 38, 38-45.
- 201.30 Candella, P. B., Wiener, A. S., & Goss, L. J. New observations on the blood group factors in Simiidi and cercepithecidae. Zoologica, N. Y., 1940, 25, 513-521.
- 201.31 Wiener, A. S. Blood group factors in the blood, organs, and secretions of primates. J. Immunol., 1942, 45, 229-235.
- 201.32 Wiener, A. S. Evolution of the human blood group factors. Amer. Nat., 1943, 75, 199-210.
- 201.33 Wiener, A. S. Blood groups and transfusions, 3rd ed. Springfield, Ill., Chas. C. Thomas, 1943, 438 pp.
- 201.34 Wiener, A. S. The Rh and Hr factors in chimpanzee. Science, 1945, 102, 177.
- 201.35 Mounant, A. E., & Race, R. R. The Rh system in the chimpanzee. Science, 1946, 104, 277.
- 201.36 Wiener, A. S. & Wade, M. The Rh system in the chimpanzee. Science, 1946, 104, 277.
- 201.37 Voronoff, S. Les groupes sanguins chez les singes. (The blood groups in the apes.) Dorio, Paris, 1949, 20 pp.
- 201.38 Vogel, H. Agglutinins and agglutinogens in the blood of wild animals. Zoologica N. Y., 1951, 36, 203-211.
- 201.39 Wiener, A. S. Blood group factors in anthropoid apes and monkeys. I. Studies on a chimpanzee, "Pan." Amer. J. phys. Anthrop., 1952, 10, 372-375.
- 201.40 Wiener, A. S., Gavan, J. A., & Gordon, E. B. Blood group factors in anthropoid apes and monkeys. II. Further studies on the Rh-Hr factors. Amer. J. phys. Anthrop., 1953, 11, 39-45.
- 201.41 Furuhata, T., & Uetake, M. The Rh factor of various kinds of monkeys. Proc. Japanese Acad., 1954, 30, 674-676.

- 201.42 Joysey, V. C. The relation between animal and human blood groups. Brit. m. Bull., 1959, 15, 158-164.
- 201.43 Wiener, A. S. & Gordon, E. B. The blood groups of chimpanzees. A-B-O groups and M-N types. Amer. J. phys. Anthropol., 1960, 18, 301-311.
- 201.44 Eyquem, A. Les groupes sanguins des chimpanzés. (Blood groups in chimpanzees.) Ann. Inst. Pasteur, 1961, 101, 76-81.
- 201.45 Andre, A., Courtois, G., Lennes, G., Ninane, G., & Osterrieth, P. M. Mise en évidence d'antigènes des groupes sanguins A, B, O et Rh chez les singes chimpanzés. (Demonstration of ABO and Rh blood group antigens in chimpanzees.) Ann. Inst. Pasteur, 1961, 101, 82-95.
- 201.46 Wiener, A. S. & Gordon, E. B. The blood groups of chimpanzees: The Rh-Hr (CDE/cde) blood types. Amer. J. phys. Anthropol., 1961, 19, 35-43.
- 201.47 Wiener, A. S., Moor-Jankowski, J., & Gordon, E. B. Blood groups of apes and monkeys. III. The A-B-O blood groups, secretor and Lewis types of apes. Amer. J. phys. Anthropol., 1963, 21, 271-281.
- 201.48 Wiener, A. S., Baldwin, M., & Gordon, E. B. Blood groups in chimpanzees. Exp. Med. Surg., 1963, 21, 159-281.
- 201.49 Wiener, A. S. & Moor-Jankowski, J. Blood groups in anthropoid apes and baboons. Science, 1963, 142, 67-68.
- 201.50 Wiener, A. S., Moor-Jankowski, J., & Gordon, E. B. Blood groups of apes and monkeys. IV. The Rh-Hr blood types of anthropoid apes. Amer. J. hum. Genet., 1964, 16, 246-253.
- 201.51 Wiener, A. S., Moor-Jankowski, J., & Gordon, E. B. Blood groups of apes and monkeys. V. Studies on the human blood group factors A, B, H, and Le in old and new world monkeys. Amer. J. phys. Anthropol., 1964, 22, 175-188.
- 201.52 Wiener, A. S., Moor-Jankowski, J., & Gordon, E. B. Simian blood groups. Three "new" blood factors of chimpanzee blood, A^c, B^c, and C^c. Amer. J. phys. Anthropol., 1964, 22, 413-421.
- 201.53 Moor-Jankowski, J., J., Wiener, A. S., & Gordon, E. B. Blood group antigens and cross reacting antibodies in primates including man. III. Heterophile-like behavior of the blood factor I. Exp. Med. Surg., 1964, 22, 308-315.
- 201.54 Moor-Jankowski, J., Wiener, A. S., & Gordon, E. B. Blood groups of apes and monkeys. III. The M-N blood factors of apes. Folia primat., 1964, 2, 129-148.

- 201.55 Wiener, A. S., Gordon, E. B., & Moor-Jankowski, J. The Lewis blood groups in man. A review with supporting data on non-human primates. J. forens. Med., 1964, 11, 67-83.
- 201.56 Wiener, A. S., Moor-Jankowski, J., & Gordon, E. B. Blood group antigens and cross-reacting antibodies in primates including man. I. Production of antisera for agglutinogen M by immunization with blood other than human type M blood. J. Immunol., 1964, 92, 391-396.
- 201.57 Wiener, A. S., Moor-Jankowski, J., & Gordon, E. B. Blood group antigens and cross-reacting antibodies in primates including man. II. Studies on the M-N types of orangutans. J. Immunol., 1964, 93, 101-105.
- 201.58 Moor-Jankowski, J. & Wiener, A. S. Blood groups and serum specificities of apes and monkeys. Lab. Primate Newslett., 1964, 3, 1-14.
- 201.59 Moor-Jankowski, J., Wiener, A. S. & Rogers, C. M. Human blood group factors in non-human primates. Nature (Lond.), 1964, 202, 663-665.
- 201.60 Moor-Jankowski, J., Wiener, A. S. & Rogers, C. M. Blood groups of chimpanzees: demonstrated with isoimmune serums. Science, 1964, 145, 1441-1443.
- 201.61 Wiener, A. S. Advances in blood grouping. Vol. II. New York, Grune & Stratton, 1965, xxiv, 454 pp.
- 201.62 Kitchin, F. D. & Bearn, A. G. The serum group specific component in nonhuman primates. Amer. J. hum. Genet., 1965, 17, 42-50.
- 201.63 Wiener, A. S., Moor-Jankowski, J., Gordon, E. B., & Davis, J. The blood factors I and i in primates including man, and in lower species. Amer. J. phys. Anthropol., 1965, 23, 389-396.
- 201.64 Krüpe, M., Schmitz, J. & Uhlenbrück, G. Studien an MN-aktiven Erythrozytenmucoiden von anthropoiden Affen. Ein Beitrag zur Evolution der MN-Blutgruppenantigene. (Studies of the MN-active Erythrocyte mucoids of anthropoid apes...) Ann. Med. exp. Fenn., 1965, 43, 205-212.
- 201.65 Wiener, A. S., Moor-Jankowski, J. & Gordon, E. B. Blood group antigens and cross-reacting antibodies in primates including man. IV. The blood factor D^C and its relation to the V-A-B blood group system of chimpanzees. Exp. Med. Surg., 1965, 23, 256-263.
- 201.66 Wiener, A. S., Moor-Jankowski, J., & Gordon, E. B. Blood group antigens and cross-reacting antibodies in primates including man. V. Producción of antisera for a "new" blood factor V₁ by immunization of chimpanzees with human blood. Exp. Med. Surg., 1965, 23, 264-277.

- 201.67 Moor-Jankowski, J., Wiener, A. S., Gordon, E. B. & Guthrie, C. B. Simian blood groups. A 'new' blood factor, A^{Ba}, of Celebes black ape red cells demonstrated with rabbit antisera. Folia primat., 1965, 3, 245-250.
- 201.68 Schmitt, J. Blood groups in non-human primates. Int. Zoo Yearb., 1965, 5, 209-221.
- 201.69 Moor-Jankowski, J. & Wiener, A. S. Simian-type blood group factors in nonhuman primates. Nature (Lond.), 1965, 205, 369-371.
- 201.70 Wiener, A. S. Blood groups of chimpanzees and other nonhuman primates: Their implications for the human blood groups. Trans. N. Y. Acad. Sci., 1965, 27, 488-504.
- 201.71 Wiener, A. S., Moor-Jankowski, J., Riopelle, A. J., & Shell, W. F. Simian blood groups. Another blood group system, C-E-F, in chimpanzees. Transfusion (Phila.), 1965, 5, 508-515.
- 201.72 Wiener, A. S., & Moor-Jankowski, J. The V-A-B blood group system of chimpanzees: a paradox in the application of the 2 x 2 contingency test. Transfusion (Philad.), 1965, 5, 64-70.
- 201.73 Moor-Jankowski, J., Wiener, A. S., Kratochvil, C. H. & Fineg, J. Chimpanzee blood groups: Demonstrated with isoimmune and cross immune sera. Int. Arch. Allergy, 1966, 29, 397-403.
- 201.74 Wiener, A. S., Moor-Jankowski, J., & Gordon, E. B. The relationship of the H substance to the A-B-O blood groups. Int. Arch. Allergy, 1966, 29, 82-100.
- 201.75 Wiener, A. S., Moor-Jankowski, J., Kratochvil, C. H., & Fineg, J. Establishment of a standard 'Holloman' chimpanzee blood group panel and its application for immunogenetic studies. Nature (Lond.), 1966, 210, 498-500.
- 201.76 Wiener, A. S., Moor-Jankowski, J., Gordon, E. B. & Kratochvil, C. H. Individual differences in chimpanzee blood, demonstrable with absorbed human anti-Rh_O sera. Proc. nat. Acad. Sci. (Wash.), 1966, 56, 458-462.
- 201.77 Moor-Jankowski, J., Wiener, A. S., Kratochvil, C. H. & Fineg, J. Seroprimatology of chimpanzees: Blood-group distribution as a "racial" characteristic. Science, 1966, 152, 219-220.
- 201.78 Speiser, P., Pausch, V. & Mickerts, D. Blut-und Serumgruppen bei drei Gorillas und zwei Schimpansen. (Blood and serum groups in three gorillas and two chimpanzees.) Anthrop. Anz., 1967, 30, 25-47.

- 201.79 Wiener, A. S., Hanly, C., Moor-Jankowski, J. & Gordon, E. B. Chimpanzee red cell isoantibody of a "new" specificity, anti-K^c produced by cross-immunization of chimpanzees with human blood. J. Immunol., 1967, 98, 1011-1014. Abstract: Biol. Abstr., 1967, 48, #107909.
- 201.80 Masouredis, S. P., Dupuy, M. E. & Elliot, M. Distribution of the human Rh (D) antigen in the red cells of non-human primates. J. Immunol., 1967, 98, 8-16.
- 201.81 Litwin, S. D. Phylogenetic differences among the Gm factors of nonhuman primates. Nature (Lond.), 1967, 216, 268-269.
- 201.82 Moor-Jankowski, J. & Wiener, A. S. Blood groups of apes and monkeys: Human-type and simian-type. Pp. 382-410 in Neue Ergebnisse der Primatologie, D. Starck, R. Schneider & H.-J. Kuhn, eds. Stuttgart, Gustav Kischer Verlag, 1967.
- 201.83 Wiener, A. S. Wisecup. W. & Moor-Jankowski, J. A "new" simian-type blood factor, L^c, associated with the C-E-F blood group system of chimpanzees. Transfusion (Philad.), 1967, 7, 351-354.
- 201.84 Schmitt, J. Immunbiologische Untersuchungen bei Primaten. Ein Beitrag zur Evolution der Blut- und Serumgruppen. (Immunobiological Research Among Primates. A Contribution to the Evolution of Blood and Serum Groups.) Bibl. primat., 1968, 8, i-iv, 1-146.
- 201.85 Wiener, A. S., Kratochvil, C. H. & Moor-Jandowski, J. Implication of studies in chimpanzees for the serology of the human Rh-Hr blood types. Primates in Med., 1968, 1, 95-99.
- 201.86 Moor-Jankowski, J. & Wiener, A. S. Blood groups of nonhuman primates: Progress report. Lab. Primate Newslett., 1968, 7(4), 12-16.
- 201.87 Moor-Jankowski, J. & Wiener, A. S. Blood groups of non-human primates. Summary of the currently available information. Primates in Med., 1968, 1, 49-67.
- 201.88 Masouredis, S. P., Dupuy, M. E. & Elliot, M. Polymorphic nature of the human Rh (D) antigen among the red cells of non-human primates. Primates in Med., 1968, 1, 41-48.
- 201.89 van Loghem, E., Shuster, J. & Fudenberg, H. H. Gm factors in non-human primates. Vox. Sang. (Basel), 1968, 14, 81-94. Abstract: Biol. Abstr., 1968, 49, #70787.
- 201.90 Buschmann, H. & Schmid, D. O. Serumgruppen bei Tieren. Serumgruppen, Hämoglobintypen, Blutkaliumtypen. Milch- und Eiproteine. Nachweis und Genetik. (Serum Groups in Animals. Serum Groups, Types of Hemoglobin, Blood Calcium Types. Lactalbumin and Ovalbumin. Identification and Genetics.) Berlin, Paul Parey, 1968, 272 pp.

- 201.91 Podliachouk, L. Groupes sanguins et seriques des primates.
(Blood and Serum Groups in Primates.) Acta Zool. Path. (Antwerp),
1969, 48, 283-290.
- 201.92 Wiener, A. S. & Moor-Jankowski, J. Blood groups of apes and
monkeys-- their practical implications for experimental medicine.
Ann. N. Y. Acad. Sci., 1969, 162, 37-42.
- 201.93 Moor-Jankowski, J. & Weiner, A. S. Blood group antigens in
primate animals and their relation to human blood groups. Primates in
Med., 1969, 3, 64-77.
- 201.94 Wiener, A. S. & Moor-Jankowski, J. The use of apes and monkeys
for the investigation of the human blood groups. Ann. N. Y. Acad.
Sci., 1970, 169, 225-233.
- 201.95 Pollitzer, W. S. Blood groups and anthropology. Crit. Rev.
clin. Lab. Sci., 1970, 1, 193-232.

202.00 Hematology (Blood Proteins)

- 202.1 Landsteiner, K., & Miller, C. P., Jr. Serological studies on the blood of the primates. I. The differentiation of human and anthropoid bloods. J. exp. Med., 1925, 42, 841-852.
- 202.2 Zuckerman, S. The primate affinities of the blood serum of the lemurs *Perodicticus* and *Galago*. Proc. zool. Soc. Lond., 1934, 609-612.
- 202.3 Hudgins, P. C., Whorton, C. M. & Tomoyoshi, T. Molecular structural comparison of myoglobin derived from eleven primate species. Fed. Proc., 1936, 25, 476.
- 202.4 Mollison, T. Die epigenetische Entwicklung des Arteiweisses in der Ontogenie. (The epigenetic development of species albumina during ontogenesis.) Anthrop. Anz., 1938, 15, 205-210.
- 202.5 Blumberg, B. S. Biochemical polymorphisms in animals: haptoglobins and transferrins. Proc. Soc. exp. Biol., 1960, 104, 25-28.
- 202.6 Arfors, K., Beckman, L., & Lundin, L. G. Variations in the serum esterases of humans, apes, and monkeys. Acta genet. (Basel), 1963, 13, 226-230.
- 202.7 Lange, V. & Schmitt, J. Das Serumweißbild der Primaten unter besonderer Berücksichtigung der Haptoglobine und Transferrine. (The nature of serum proteins in primates with particular emphasis on haptoglobines and transferrines.) Folia primat., 1963, 1, 208-250.
- 202.8 Miller, J. B. & Beckman, L. Submolecular heterogeneity of primate serum albumins. Hereditas (Lond.) 1963, 50, 145-149.
- 202.9 Goodman, M. & Riopelle, A. J. Inheritance of serum transferrins in chimpanzees. Nature, Lond., 1963, 197, 261.
- 202.10 Miller, J. B. Pre-albumin variations in primates. Nature (Lond.), 1963, 200, 810.
- 202.11 Goodman, M. & Riopelle, A. J. Serum transferrins in chimpanzees. Nature, 1963, 197, 259-261.
- 202.12 Goodman, M., McBride, R., Poulik, E. & Reklys, E. Serum transferrins in the Orange Park chimpanzee colony classified by the Boyer and Young scheme. Nature, Lond., 1963, 197, 259-261.
- 202.13 Steeno, O. Transcortin activity in plasma of primates. Acta physiol. lat.-amer., 1966, 15, 286-287.

- 202.14 Böshaar, E., Pütz, R., Ritter, H., & Goedde, H. W. Über einige Serumproteinvarianten bei Primaten. (Some Variations in Serum Proteins in Primates) Anthrop. Anz., 1966, 28, 302-307, pl. 4.
- 202.15 Steeno, O. & de Moor, P. The corticosteroid binding capacity of plasma transcortin in mammals and aves. Bull. Soc. roy. Zool. Anvers, 1966, 38, 3-24.
- 202.16 Hudgins, P. C., Whorton, C. M., Tomoyoshi, T., & Riopelle, A. J. Comparison of the molecular structure of myoglobin of fourteen primate species. Nature (Lond.), 1966, 212, 693-695.
- 202.17 Cresseri, A., Chiarelli, B., Bonilauri, A., & Conti, A. M. Le proteine sieriche nei primati.--IV) Elettroforesi monodimensionale su gel d'amido del siero delle Pongidae e delle Hylobatidae. (Serum proteins of primates.--IV. Monodimensional electrophoresis of frozen starch from the serum of Pongidae and Hylobatidae.) Boll. Soc. ital. Biol. sper., 1967, 43, 1093-1095.
- 202.18 Chiarelli, B., Cresseri, A., Bonilauri, A., & Conti, A. M. Le proteine sieriche nei primati.--V) Elettroforesi bidimensionale su gel d' amido del siero delle Pongidae e delle Hylobatidae. (Serum proteins of primates. --V. Bidimensional electrophoresis of frozen starch from the serum of Pongidae and Hylobatidae.) Boll. Soc. ital. Biol. sper., 1967, 43, 1095-1097.
- 202.19 Cresseri, A., Chiarelli, B., Conti, A. M. & Bonilauri, A. Le proteine sieriche nei primati. --VI) Dimostrazione di frazioni con attivita' esterasica nel siero delle Pongidae e delle Hylobatidae. (The serum protein in primates: VI. Demonstration of the fraction with esterase activity from the serum of Pongidae and Hylobatidae.) Boll. Soc. ital. Biol. sper., 1967, 43, 1097-1098.
- 202.20 Becker, C. E. Cholinesterase profiles of certain primate serums. Clin. Chem., 1967, 13, 713.
- 202.21 Goodman, M., Wisecup, W. G., Reynolds, H. H., & Kratochvil, C. H. Transferrin polymorphism and population differences in the genetic variability of chimpanzees. Science, 1967, 156, 98-100.
- 202.22 Mestres, J. P. Las proteinas de la sangre en el hombre y en los monos antropoides. (Proteins in the Blood of Man and of Anthropoid Apes.) Zoo (Barcelona), 1967, 7, 27-29.
- 202.23 Poulik, M. D. Heterogeneity and structure of ceruloplasmin. Ann. N. Y. Acad. Sci., 1968, 151, 476-501.
- 202.24 Berg, K. Serum lipoproteins. Bibl. haemat., 1968, 29, 21-32.
- 202.25 Nute, P. E. & Buettner-Janusch, J. Serum transferrins of Pongidae: Pan, Pongo, and Hylobates. Folia primat., 1968, 8, 282-289.

- 202.26 Peters, J. H. & Gordon, G. R. Histaminase activities in the plasma of subhuman primates and man. Nature (Lond.), 1968, 217, 274-275.
- 202.27 Wiener, A. S., Moor-Jankowski, J. & Brancato. G. J. LW factor. Haematologia, 1969, 3, 385-393. Abstract: Biol. Abstr., 1970, 51, #79859.
- 202.28 Planas, J. Haptoglobins, in chimpanzees and gorillas. Folia primat., 1970, 13, 177-182.
- 202.29 Goodman, M. & Tashian, R. E. A geographic variation in the serum transferrin and red cell phosphoglucomutase polymorphisms of chimpanzees. Hum. Biol., 1969, 41, 237-249.
- 202.30 Li, Y.-T. & Li, S.-C. Isolation and characterization of α_1 acid glycoprotein from chimpanzee plasma. J. biol. Chem., 1970, 245, 825-832.
- 202.31 Javid, J. & Fuhrman, M. H. Structural markers of haptoglobin in man and in the nonhuman primates. Amer. J. hum. Genet., 1971, 23, 496-506.

203.00 Hematology (Cellular Components)

- 203.1 Gulliver, G. On the size of the red corpuscles of the blood in vertebrata, with copious tables of measurements. Proc. zool. Soc. Lond., 1845, 93-102.
- 203.2 Gulliver, G. On the red corpuscles of the blood of vertebrata, and on the zoological import of the nucleus, with plans of their structure, form, and size (on a uniform scale) in many of the different orders. Proc. zool. Soc. Lond., 1862, 91-103.
- 203.3 Gulliver, G. Observations on the sizes and shapes of the red corpuscles of the blood of vertebrates, with drawings of them to a uniform scale and extended and revised tables of measurements. Proc. zool. Soc. Lond., 1875, 474-495.
- 203.4 Kolmer, W. Ueber das Vorkommen staebchenfoermiger Central-koerper bei Primaten. (The existence of rod-shaped centrosomes in primates.) Anat. Anz., 1917, 50, 309-312.
- 203.5 Wintrcbe, M. M. Variations in the size and hemoglobin content of erythrocytes in the blood of various vertebrates. Folia haemat., 1933, 51, 32-49.
- 203.6 Cook, J. E., Fineg, J., & Miksch, E. D. Physiological baseline studies of zoological specimens. Phase I. Hematological values of immature chimpanzees. Air Force Missile Development Center Technical Note 60-9, 1960.
- 203.7 Tashian, R. E., Douglas, D. P., & Yu, Y.-S. L. Esterase and hydrazine activity of carbonic anhydrase-I from primate erythrocytes. Biochem. biophys. Res. Commun., 1964, 14, 246-261.
- 203.8 Tashian, R. E. Genetic variation and evolution of the carboxylic esterases and carbonic anhydrases of primate erythrocytes. Amer J. hum. Genet., 1965, 17, 257-272.
- 203.9 Chiarelli, B. & Barberis, L. Il "drumstick nei leucociti dei primati. (The "Drumstick" in Primate Leucocytes.) Caryologia, 1964, 17, 567-573. Abstract: Biol. Abstr., 1966, 47, #55269.
- 203.10 Chiarelli, B. & Sarti, M. Nuclear protrusions in the polymorphonucleated leucocytes of the anthropoid apes. Experientia (Basel), 1966, 22, 652-653.
- 203.11 Davidson, W. M. Sexual dimorphism in nuclei of polymorphonuclear leukocytes in various animals. Chapter 3 in The sex chromatin, K. L. Moore, ed. Philadelphia, W. B. Saunders Company, 1966.

- 203.12 Emeljanov, N. A. (The plasma and erythrocytes sodium and potassium levels in man and some experimental animals.) Zh. Evolyat. Biokhim. Fiziol., 1966, 2(6), 519-524.
- 203.13 Callahan, J. F. & Kruckenberg, S. M. Erythrocyte cholinesterase activity of domestic and laboratory animals: Normal levels for nine species. Amer. J. vet. Res., 1967, 28, 1509-1512.
- 203.14 Huser, H.-J. Webb, C. M. Variation of the fine structure in granulocytes of great apes. Experientia (Basel), 1967, 23, 669-670.
- 203.15 Hodson, H. H., Jr., Lee, B. D., Wisecup. W. G. & Fineg, J. Baseline blood values of the chimpanzee. I. The relationship of age and sex and hematological values. Folia primat., 1967, 7, 1-11.
- 203.16 Huser, H.-J. & Olberding, B. A. Neutrophil alkaline phosphatases in blood cells of primates. Nature (Lond.), 1967, 214, 1043-1044.
- 203.17 Romanini, M. G. M. Deoxyribonucleic acid amount in the lymphocytes of anthropoid apes. Pp. 167-170. in Neue Ergebnisse der Primatologie, D. Starck, R. Schneider, & H. -J. Kuhn, (Eds.) Stuttgart: Gustav Fischer Verlag, 1967.
- 203.18 Chiarelli, B. & Sarti, M. Les protrusions nucleaires des leucocytes polymorphonucléés dans les Singes Anthropomorphes. (Note Preliminare.) (The Nuclear Protrusions of Polymorphonucleated Leucocytes in the Anthropoid Apes. (Preliminary Note.)) in Neue Ergebnisse der Primatologie, (New Results of Primatology), D. Starck, R. Schneider & H.-J. Kuhn, Eds. Stuttgart: Gustav Fischer Verlag, 1967, 171-176.
- 203.19 Tashian, R. E., Shreffler, D. C. & Shows, T. B. Genetic and phylogenetic variation in the different molecular forms of mammalian erythrocyte carbonic anhydrases. Ann. N. Y. Acad. Sci., 1968, 151, 64-77.
- 203.20 Nonno, L. Herschman, H. & Levine, L. Serologic comparisons of the carbonic anhydrases of primate erythrocytes. Arch. Biochem., 1970, 136, 361-367.
- 203.21 Morrow, A. C. & Terry, M. W. Hematologic values for nonhuman primates tabulated from the literature. I. Erythrocytes, hemoglobin, hematocrit and related indexes. Seattle, Primate Information Center, 1970, ii, 46 pp.
- 203.22 Morrow, A. C. & Terry, M. W. Hematologic values for nonhuman primates tabulated from the literature. II. Total leucocytes and differential counts. Seattle, Primate Information Center, 1970, (i), 43 pp.
- 203.23 Schmitt, J., Lichte, K. H. & Fuhrmann, W. Red cell enzymes of the Pongidae. Humangenetik, 1970, 10, 138-144.

203.24 Ishimoto, G. Red cell phosphohexose isomerase variants in primates. J. anthrop. Soc. Nippon, 1970, 78, 334-338.

204.00 Hematology (Coagulation)

- 204.1 Hawkey, C., & Symons, C. Coagulation of primate blood by Russell's viper venom. Nature Lond., 1966, 210, 141-142
- 204.2 Hawkey, C. & Symons, C. Preliminary report of studies on platelet aggregation, blood coagulation and fibrinolysis in non-human primates. Symp. zool. Soc. Lond., 1966, 17, 213-222.
- 204.3 Hawkey, C. & Symons, C. A comparative study of blood coagulation in human and non-human primates. Pp. 87-94 in Proceedings of the second international congress of primatology, vol. 2, H. O. Hofer, Ed. Basel, S. Karger, 1969.
- 204.4 Abildgaard, C. F., Harrison, J. & Johnson, C. A. Comparative study of blood coagulation in nonhuman primates. J. appl. Physiol., 1971, 30, 400-405.
- 204.5 Soderqvist, T. & Blomback, B. Fibrinogen structure and evolution. Naturwissenschaften, 1971, 58, 16-23.

205.00 Hematology (Disease)

- 205.1 Zmijewski, C. M. The production of erythrocyte auto-antibodies in chimpanzees. J. exp. Med., 1965, 121, 657-670.
- 205.2 Pirofsky, B. & Pratt, K. The antigen in autoimmune hemolytic anemia. I. Reactivity of human autoantibodies and rhesus antibodies with primate and non-primate erythrocytes. Amer. J. clin. Path., 1966, 45, 75-81. Abstract: Biol. Abstr., 1966, 47, #73506.
- 205.3 Pirofsky, B. & Pratt, K. The nature of the antigen in acquired hemolytic anemia. Clin. Res., 1966, 14, 169.
- 205.4 Rauscher, F. J. Jr., Leukemia: Progress toward prophylaxis. Hosp. Pract., 1967, 2(4), 34-39, 42-44.
- 205.5 Wisecup, W. G., Day, P. W. & VanRiper, D. C. Thrombocytopenic purpura of possible immune origin in a chimpanzee: A case report. Lab. Anim. Care, 1968, 18, 85-91.
- 205.6 Hodson, H. H., Jr., Hanly, W. C., Wisecup, W. G. & Lovett, R. L. Nutritional megaloblastic anemia in the chimpanzee: Pathogenesis of an ascorbic acid deficiency. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-69-4, Holloman Air Force Base, New Mexico, 1969, iii, 22 pp.
- 205.7 Boyer, S. H., Noyes, A. N., Vrablik, G. R., Donaldson, L. J., Schaefer, E. W., Jr., Gray, C. W. & Thurmon, T. F. Silent hemoglobin alpha genes in apes: Potential source of thalassemia. Science, 1971, 171, 182-185.

206.00 Hematology (General)

- 206.1 Chio. M. Blood of apes. Atti Accad. Sci. Torino, 1905-1906, 44, 1093 pp.
- 206.2 Landsteiner, K., & Levine, P. On individual differences in human blood. J. exp. Med., 1928, 47, 757-775.
- 206.3 Ponder, E., Yeager, J. F., & Charipper, H. A. Studies in comparative hematology, II. Primates. Quart. J. exp. Physiol., 1928, 19, 181-195.
- 206.4 Ponder, E., Yeager, J. F., & Charipper, H. A. Hematology of the primates. Zoologica, 1929, 11, 9-18.
- 206.5 Mollison, T. Ueber den Begriff der Differenzierung im morphologischen und biochemischen Sinne. (Concerning the idea of differentiation in the morphological and bio-chemical sense.) Verh. dtsch. Ges. Rassenforsch., 1938, 9, 38-42.
- 206.6 Williams, R. A. The blood pictures in monkeys (New and Old World). Stheast. Vet., 1962, 13(3), 88-89, 100.
- 206.7 Schmitt, J. Darf man Menschenblut auf Menschenaffen transfundieren? (May we transfer human blood to monkeys?) Zool. Gart., Lpz., 1963, 27, 202-211.
- 206.8 Schermer, S. The monkey. Chapter 10 in The blood morphology of laboratory animals, 3rd ed. Philadelphia, F. A. Davis Company, 1967.
- 206.9 Parer, J. T. & Moore, C. P. Respiratory characteristics of the blood of the baboon, gibbon and chimpanzee. Folia primat., 1968, 9, 154-159.
- 206.10 Huser, H.-J. Atlas of comparative primate hematology. New York, Academic Press, 1970, xi, 405 pp.
- 206.11 Huser, H.-J. & Linder, A. The multiple linear regression model in the analysis of hematological data of nonhuman primates. Schweiz. med. Wschr., 1970, 100, 1964-1965.
- 206.12 McCormack, S. A. Plasma testosterone concentration and binding in the chimpanzee; effect of age. Endocrinology, 1971, 89, 1171-1177.

207.00 Hematology (Hemoglobin)

- 207.1 Rodnan, G. P., & Ebaugh, F. G., Jr. Paper electrophoresis of animal hemoglobins. Proc. Soc. exptl. Biol. and Med., 1957, 95, 397-401.
- 207.2 Ingram, V. M. Hemoglobin and its abnormalities. Charles C. Thomas, 1961.
- 207.3 Buettner-Janusch, J. & Twichell, J. B. Alkaliresistant haemoglobins in prosimian primates. Nature, 1961, 192, 669.
- 207.4 Rifkin, D. & Konigsberg, W. The characterization of the tryptic peptides from the hemoglobin of the chimpanzee (Pan troglodytes.) Biochim. biophys. Acta, 1965, 104, 457-461.
- 207.5 Ros, G. van & Sande, M. van La comparaison des hemoglobines animales par electrophorese de zone en milieux gelifies et son interet en systematique zoologique. (Comparison of Animal Hemoglobins by Zone Electrophoresis in Gelatinized Media and Its Importance for Zoological Systematics.) Bull. Soc. roy. Zool. Anvers, 1965, 35, 19-54.
- 207.6 Wade, P. T., Barnicot, N. A. & Huehns, E. R. Possible duplication of haemoglobin α -chain locus in the irus macaque. Nature (Lond.), 1967, 215, 1485-1487.
- 207.7 Hoffman, H. A. & Gottlieb, A. J. Hemoglobins of non-human primates. Pp. 417-421 in Neue Ergebnisse der Primatologie, D. Starck, R. Schneider & H.-J. Kuhn, eds. Stuttgart, Gustav Fischer Verlag, 1967.
- 207.8 Hoffman, H. A., Gottlieb, A. J. & Wisecup. W. G. Hemoglobin polymorphism in chimpanzees and gibbons. Science, 1967, 156, 944.
- 207.9 Hoffman, H. A. & Gottlieb, A. J. Hemoglobins of chimpanzees and gibbons. Primates in Med., 1968, 1, 27-34.
- 207.10 Hoffman, H. A. & Gottlieb, A. J. Discussion paper: Investigations of nonhuman primate hemoglobin-electrophoretic variation. Ann. N. Y. Acad. Sci., 1969, 162, 205-210.
- 207.11 Boyer, S. H., Crosby, E. F., Noyes, A. N., Fuller, G. F., Leslie, S. E., Donaldson, L. J., Vrablik, G. R., Schaefer, E. W., Jr. & Thurmon, T. F. Primate hemoglobins: Some sequences and some proposals concerning the character of evolution and mutation. Biochem. Genet., 1971, 5, 405-448.
- 207.12 Barnabas, J., Goodman, M. & Moore, G. W. Evolution of hemoglobin in primates and other therian mammals. Comp. Biochem. Physiol., 1971., B39, 455-382.

- 207.13 Baur, E. W. The evolution of methaemoglobin. Comp. Biochem. Physiol., 1969, 30, 657-664, 1 pl.
- 207.14 Harely, W. C. & Hoffman, H. A. Investigations of nonhuman primate hemoglobin: Fetal hemoglobin. Pp. 251-265 in Medical primatology 1970, E. I. Goldsmith & J. Moor-Jankowski, Eds. Basel, S. Karger, 1971.
- 207.15 Sullivan, B. Structure, function and evolution of primate hemoglobins-- II. A survey of the oxygen-binding properties. Comp Biochem. Physiol., 1971, B40, 359-380.
- 207.16 Jong, W. W. W. de Structure of the δ -chain of chimpanzee haemoglobin A₂. Nature new Biol. (Lord.), 1971, 234, 176-177.

208.00 Immunology

- 208.1 Nuttall, G. H. F. Blood immunity and blood relationship. A demonstration of certain blood relationships amongst animals by means of the precipitin test for blood. Cambridge: Univ. Press, 1904.
- 208.2 Mollison, T. Die biologische Eiweissdifferenzierung als Hilfsmittel zur Erkenntnis der verwandtschaftlichen Beziehungen der Wirbeltiere, besonders des Menschen. (The biological protein differentiation as an aid toward perception of kindred relations of mammals, particularly of humans.) S. B. Isis Dresden, 1912, 3-6.
- 208.3 Mollison, T. Die Praezipitinreaktion als Zeugnis fuer die Anthropomorphen Verwandtschaft des Menschen. (The precipitin reaction as evidence for the anthropoid kinship of humans.) Korresp. Bl. dtsch. Ges. Anthropol., 1912, 43, 132-134.
- 208.4 Landsteiner, K. Sur les proprietes serologiques du sang des anthropoides. (On the serologic properties of the blood of anthropoids.) C. R. Soc. Biol., 1928, 99, 658-660.
- 208.5 Landsteiner, K., & Levine, P. Immunization of chimpanzees with human blood. J. Immunol., 1932, 22, 397-400.
- 208.6 Wolfe, H. R. Factors which may modify precipitin tests in their applications to zoology and medicine. Physiol. Zool., 1933, 6, 55-90.
- 208.7 Zuckerman, S., & Sudermann, A. E. Serum relationships within the family cercopithecidae. J. exp. Biol., 1935, 12, 222-228.
- 208.8 von Krogh, C. Serologische Untersuchungen ueber die stammesgeschichtliche Stellung einiger Primaten. (Serological research on the phylogenetic position of some primates.) Anthrop. Anz., 1937, 13, 240-247.
- 208.9 Candella, P. B. New data on the serology of the anthropoid apes. Amer. J. phys. Anthropol., 1940, 27, 209-211.
- 208.10 Butts, D. C. A. CII hemagglutinogen in primates. Proc. Soc. exp. Biol., N. Y., 1953, 83, 701-705.
- 208.11 Butts, D. C. A. Hemagglutinogens of the chimpanzee. Amer. J. phys. Anthropol., 1953, 11, 214-224.
- 208.12 Levine, P., Ottensooser, F., Celano, M. J., & Pollitzer, W. On reaction of plant anti-N with red cells of chimpanzees and other animals. Amer. J. phys. Anthropol., 1955, 13, 29-36.

- 208.13 Beyer, S. H., & Young, W. J. B-globulin polymorphism in chimpanzee. Nature, 1960, 187, 1035-1036.
- 208.14 Makela, O., Renkonen, O. V., & Salonen, E. Electrophoretic patterns of haptoglobins in apes. Nature, 1960, 185, 852-853.
- 208.15 Muschel, L. H., Simonton, L. A., Wells, P. A., & Fife, E. H., Jr. Occurrence of complement-fixing antibodies reactive with normal tissue constituents in normal and disease status. J. clin. Invest., 1961, 40, 517-524.
- 208.16 Boyer, S. H., & Young, W. J. Gamma globulin (Gm group) heterogeneity in chimpanzees. Science, 1961, 133, 583-584.
- 208.17 Dorf, M. E., Boyle, W., and Metzgar, R. S. Serological Analysis of Soluble Chimpanzee Histocompatibility Antigens, Federation Proceedings, 29, 507, 1962.
- 208.18 Staten, F. W., Edwards, R. H. & Fahlstrom, P. Paper electrophoresis of serum proteins of immature chimpanzees. Aeromedical Research Laboratory Technical Documentary Report No. 63-1, Holloman Air Force Base, New Mexico, 1963.
- 208.19 Fribourg-Blanc, A., Niel, G. & Mollaret, H. H. Note sur quelques aspects immunologiques du cynocéphale africain. 1. Parenté antigenique de ses gammaglobulines avec les gamma-globulines humaines. 2. Foyer endémique guinéen de tréponématose. (A Note on Some Immunological Aspects of the African Dog-Faced Baboon. 1. Antigenic Relationship of its Gammaglobulins with Human Gammaglobulins. 2. Endemic Focus in Guinea of Treponematoses.) Bull. Soc. Path. exot., 1963, 56, 474-485, pl. 9.
- 208.20 Moor-Jankowski, J. & Brown, K. S. Serum antigens in mammals: Crossreacting iso-immune and hetero-immune systems. Exp. Med. Surg., 1963, 21, 147-153.
- 208.21 Goodman, M. Serological analysis of the systematics of recent hominoids. Hum. Biol., 1963, 35, 377-436.
- 208.22 Layton, L. L., Greer, W. E., Greene, F. C. & Yamanaka, E. Passive transfer of human atopic allergies to catarrhine and platyrhine primates of suborder anthropoidea. Int. Arch. Allergy, 1963, 23, 176-187.
- 208.23 Goodman, M. Serum protein comparisons by two-dimensional starch-gel electrophoresis and immunodiffusion plate reaction applied to the systematics of primates and other mammals. Proc. int. Congr. Zool., 1963, 16, 133-138.
- 208.24 Moor-Jankowski, J. Immune hetr- and iso-antigenic systems in sera of primates. Symp. zool. Soc. Lond., 1963, 10, 263-266.

- 208.25 Metzgar, R. S. & Zmijerski, C. M. Experimental production of human leukocyte isoantibodies in chimpanzees and the crossreactions of human and chimpanzee leukocyte isoantigens. Fed. Proc., 1964, 23, 295.
- 208.26 Shim, B. S. & Bearn, A. G. Immunological and biochemical studies on serum haptoglobin. J. exp. Med., 1964, 120, 611-628.
- 208.27 Licher, E. A. & Dray, S. Immunoelectrophoretic characterization of human serum proteins with primate antisera. J. Immunol., 1964, 92, 91-99.
- 208.28 Baur, S., & Goodman, M. Immunologic comparison of human adult thyroglobulin to other primate adult and human fetal thyroglobulins. J. Immunol., 1964, 93, 183-191.
- 208.29 Eitzman, D. V. Fate of defined antigens in the newborn chimpanzee. Pediatrics, 1964, 34, 787-794.
- 208.30 Goodman, M. Problems of primate systematics attacked by the serological study of proteins. In Leone, C. A. (ed.), Taxonomic biochemistry and serology, New York: Ronald Press, 1964.
- 208.31 Wiener, A. S., Gordon, E. B., & Moor-Jankowski, J. Immunological relationship between serum globulins of man and of other primates, revealed by a serological inhibition test. Transfusion (Philad.), 1964, 4, 347-350.
- 208.32 Zmijewski, C. M., & Metzgar, R. S. Two new iso-antigens in chimpanzees. Transfusion (Philad.), 1964, 4, 351-353.
- 208.33 Allen, J. C. Antigenic determinants of human gamma-globulin in the gamma-globulin of other high primates. Clin. Res., 1965, 13, 284.
- 208.34 Zmijewski, C. M., & Buckley, C. E. Autohemagglutinin production in chimpanzees. Fed. Proc., 1965, 24, 692.
- 208.35 DeWitt, C. W. Serologic response of humans to chimpanzee tissue. Fed. Proc., 1965, 24, 573.
- 208.36 Schmitt, J., Enzgraber, A., Krüpe, M. & Cleve, H. Die Gc-Erbmerkmale im Serum der anthropoiden Affen. (The Gc Inherited Traits in the Serum of Anthropoid Apes.) Humangenetik, 1965, 1, 289-295.
- 208.37 Schmitt, J., Krüpe, M. & Deicher, H. Untersuchungen über Immunoglobulin-Erbmerkmale (Gm- und Inv-Gruppen) bei subhumanen Primaten. (Research on the Immunoglobulin Inherited Traits (Gm- und Inv-Groups) in Subhuman Primates.) Humangenetik, 1965, 1, 571-573.

- 208.38 Ritter, H., Böshaar, E. & Pütz, R. Zur Phylogenetik des Gammaglobulin-Polymorphismus Gm. (The Phylogenetics of Gammaglobulin Polymorphism Gm.) Humangenetik, 1965, 1, 574-575.
- 208.39 Layton, L. L. Passive transfer of human atopic allergies into lemurs, lorises, pottos, and galagos: possible primate-ordinal specificity of acceptance of passive sensitization by human atopic reagin. J. Allerg., 1965, 36, 523-531.
- 208.40 Metzgar, R. S., Glanagan, J. F. & Zmijewski, C. M. Detection of tissue isoantigens on primate and serial heteroploid cell lines of human origin by the mixed agglutination technique. J. Immunol., 1965, 95, 494-500.
- 208.41 Moor-Jankowski, J. & Wiener, A. S. Experimental immunogenetic studies on primate red cell antigens. Proc. Congr. int. Soc. blood Transf., 1965, 10, 280-289.
- 208.42 Zmijewski, C. M., Metzgar, R. S., & Rogers, C. M. Production of chimpanzee isohemagglutinins by immunization with human erythrocytes. Transfusion (Philad.), 1965, 5, 71-77.
- 208.43 Han, S.-M. & Shim, B.-S. Immunological studies on atypical human haptoglobins with relation to some nonhuman primates haptoglobins. Theses Cath. med. Coll., 1966, 10, 275-287. Abstract: Biol. Abstr., 1966, 47, #88373.
- 208.44 Shulman, N. R., Moor-Jankowski, J. & Hiller, M. C. Platelet and leukocyte isoantigens common to man and other animals. Ser Haematol., 1965, (11), 113-123, Abstract: Biol. Abstr., 1966, 47, #73554.
- 208.45 Metzgar, R. S. & Zmijewski, C. M. Serological interrelationships between human and chimpanzee antisera to primate leucocyte isoantigens Proc. Congr. int. Soc. blood Transf., 1966, 10, 180-184. Abstract: Biol. Abstr., 1966, 47, #83165.
- 208.46 Moor-Jankowski, J., Wiener, A. S. & Fineg, J. Sero-primateology: a new discipline. Lab. Primate Newslett., 1966, 5, 12-20.
- 208.47 Poulik, M. D. F'c fragment of immunoglobulins. Nature (Lond.), 1966, 210, 133-134.
- 208.48 Allen, J. C. Gm(b) factor in the gamma-globulin of non-human primates. Nature (Lond.), 1966, 209, 520-521.
- 208.49 Hafleigh, A. S. & Williams, C. A. Antigenic correspondence of serum albumins among the primates. Science, 1966, 151, 1530-1535.
- 208.50 Sarich, V. M., & Wilson, A. C. Quantitative immunochemistry and the evolution of primate albumins: micro-complement fixation. Science, 1966, 154, 1563-1566.

- 208.51 DeWitt, C. W. Lymphocyte interaction in vitro: correlation with other histocompatibility tests in chimpanzees and man. Transplantation, 1966, 4, 105.
- 208.52 Metzgar, R. S. & Zmijewski, C. M. Species distribution of human tissue isoantigens. I. Detection of human tissue isoantigens in chimpanzees. Transplantation, 1966, 4, 84-93.
- 208.53 Balner, H. Histocompatibility testing in imates. Vox Sang. (Basel), 1966, 11, 306-314.
- 208.54 Mason, R. G. & Read, M. S. Platelet response to six agglutinating agents: Species similarities and differences. Exp. molec. Path., 1967, 6, 370-381.
- 208.55 Balner, H., van Leeuwen, A., Dersjant, H., & van Rood, J. J., Chimpanzee iso-antisera in relation to human leukocyte antigens. Pp. 257-265 in Histocompatibility testing 1967, E. S. Curtoni, P. L. Mattiuz & R. M. Tosi, ed. Baltimore, Maryland, The Williams & Wilkins Company, 1967
- 208.56 Metzgar, R. S., Flanagan, J. F. & Mendes, N. F. Serological studies of extracted human tissue isoantigen. Pp. 307-313, in Histocompatibility testing 1967, E. S. Curtoni, P. L. Mattiuz, & R. M. Tosi, Eds. Baltimore, Maryland, The Williams & Wilkins Company, 1967.
- 208.57 Murphy, G. P., Mirand, E. A., Wade, J. C. & Melby, E. C. Erythropoietin response to renal stress in the chimpanzee. Invest. Urol., 1967, 5, 234-238.
- 208.58 Moor-Jankowski, J. & Wiener, A. S. Sero-primateology: A new discipline. Pp. 373-381 in Neue Ergebnisse der Primatologie, D. Starck, R. Schneider & H.-J. Kuhn, Eds. Stuttgart, Gustav Fischer Verlag, 1967.
- 208.59 Alepa, F. P. Genetic factors and polypeptide chain subclasses of human immunoglobulin G. detected in the sera of non-human primates. Pp. 411-416 in Neue Ergebnisse der Primatologie, D. Starck, R. Schneider & H.-J. Kuhn, Eds. Stuttgart: Gustav, Fischer, Verlag, 1967.
- 208.60 Gerber, P. & Birch, S. M. Complement-fixing antibodies in sera of human and nonhuman primates to viral antigens derived from Burkitt's lymphoma cells. Proc. nat. Acad. Sci. (Wash.), 1967, 58, 478-484.
- 208.61 Mirand, E. A., Grace, J. T., Jr., Murphy, G. P., Johnston, G. S. & Huser, H.-J. Erythropoietin release in the baboon and chimpanzee. Pp. 407-412 in The baboon in medical research, vol. 2, H. Vagtborg, Ed. Austin, University of Texas Press, 1967.

208.62 Kitchin, F. D., Barnicot, N. A. & Jolly, C. J. Variations in the group-specific (Gc) component and other blood proteins of baboons. Pp. 637-657 in The baboon in medical research, vol. 2, H. Vagtborg, Ed. Austin, University of Texas Press, 1967.

208.63 Balner, H., van Leeuwen, A., Dersjant, H. & van Rood, J. J., Defined leukocyte antigens of chimpanzees: Use of chimpanzee isoantisera for leukocyte typing in man. Transplantation, 1967, 5, 624-642.

208.64 Rittner, C. Inter-and intra-species variations within the Xh antigen. Vox Sang. (Basel), 1967, 13, 29-31.

208.65 Steinberg, A. G. Genetic variations in human immunoglobulins. The Gm and Inv types. Chapter 3 in Advances in immunogenetics, T. J. Greenwalt, Ed. Philadelphia: J. B. Lippincott Company, 1967. Abstract: Biol. Abstr., 1968, 49, #81558.

208.66 Metzgar, R. S., Seigler, H. F. & Zmijewski, C. M. The cross-reactions of primate tissue antigens with human leukocyte isoantibodies. Pp. 98-104 in cross-reacting antigens and neoantigens (with implications for autoimmunity and cancer immunity). Baltimore, Williams & Wilkins, 1967 Abstract: Biol. Abstr., 1968, 49, #30391.

208.67 Kueppers, F. Antigenic similarity of human α_1 -antitrypsin to a corresponding protein in the serum of non-human primates. Experientia (Basel), 1968, 24, 1277-1278.

208.68 Gerber, P. & Mcnroe, J. H. Studies on leukocytes growing in continuous culture derived from normal human donors. J. nat. Cancer Inst., 1968, 40, 855-866.

208.69 Balner, H., Eysvoogel, V. P. & Cleton, F. J. Testing of anti-human lymphocyte sera in chimpanzees and lower primates. Lancet, 1968, (1), 19-22.

208.70 Alepa, F. P. Antigenic factors characteristic of human immunoglobulin G, detected in the sera of non-human primates. Primates in Med., 1968, 1, 1-9.

208.71 Poulik, M. D. Immunological and structural studies of immunoglobulins of human, chimpanzee and other non-human primates. Primates in Med., 1968, 1, 68-94.

208.72 Buschmann, H. & Schmid, D. O. Serumgruppen bei Tieren. Serumgruppen, Hämaglobintypen, Blutkaliumtypen. Milch- und Eiproteine. Nachweis und Genetik. Berlin, Paul Parey, 1968, 272 pp.

208.73 Felsenfeld, O., Greer, W. E., Kirtley, B. & Jiricka, Z. Cholera studies in non-human primates. Part 8. Comparison of methods for the enumeration of immunologically active cells and early immune globulin, precipitin, vibriocidin and antitoxin formation. Trans. roy. soc. trop. Med. Hyg., 1968, 62, 278-284

- 208.74 Wiener, A. S., Chuba, J. V., Gordon, E. B. & Kuhns, W. J. Hemagglutinins in the plasma of catfish (Ictalurus nebulosus) injected with saliva from human secretors of various A-B-O blood groups. Transfusion (Philad.), 1968, 8, 226-234.
- 208.75 Delcourt, R. Les lipoproteines seriques des vertebres etude electrophoretique et immunologique. (The serum lipoproteins of vertebrates studied electrophoretically and immunologically.) Acta zool. path. (Antwerp), 1969, 48, 197-220.
- 208.76 DeMoor, P., Steeno, O., Heyns, W. & van Baelen, H. The steroid binding β -globulin in plasma: Pathophysiological data. Ann. Endocr. (Paris), 1969, 30(Suppl.), 233-239.
- 208.77 Ruffie, J. & Bouleux, C. Sur la difference de spécificité des réactifs anti-H d'origine animale (Sérum d'anguille Anguilla anguilla) et d'origine végétale (Ulex europaeus) vis-a-vis des hématies de certains primates. (Concerning the specificity difference of the reaction of anti-H from the original animal (Serum from the eel Anguilla anguilla) and from the original plant [Ulex europaeus] with regard to the red blood cells of certain primates.) C. R. Acad. Sci. (Paris), 1969, 269, 278-280.
- 208.78 Mohagheghpour, N. & Leone, C. A. An immunologic study of the relationships of non-human primates to man. Comp. Biochem. Physiol., 1969, 31, 437-452, 1 pl.
- 208.79 Wiener, A. S., Brain, P. & Gordon, E. B. Further observations on the hemagglutinins of the snail Achatina granulata. Haematologia, 1969, 3, 9-16.
- 208.80 Bauer, K. Heterologe Reaktionen von Säugetierseren mit monospezifischen Antihumanseren. Ein Beitrag zur Evolution der Serumproteine. (Heterologous reaction of mammalian serum with monospecific anti-human serum.) Humangenetik, 1969, 7, 76-90.
- 208.81 Bauer, K. The occurrence of antigenic determinants of human blood proteins in mammalian plasmas. Humangenetik, 1969, 8, 27-32.
- 208.82 Wiener, A. S., Moor-Jankowski, J. & Gordon, E. B. The specificity of hemagglutinating bean and seed extracts (lectins). Implications for the nature of A-B-H agglutinins. Int. Arch. Allergy, 1969, 36, 582-591.
- 208.83 Stone, M. J. & Metzgar, H. The specificity of a monoclonal macroglobulin (Y_M) antibody: Reactivity with primate YG immunoglobulins, J. Immunol., 1969, 102, 222-228.
- 208.84 Balner, H., Dersjant, H. & van Bekkum, D. W. Testing of anti-human lymphocyte sera in chimpanzees and monkeys. Pp. 207-217 in Organtransplantation. Immunologie und Klinik. Symposium der Deutschen Gesellschaft für Allergie- und Immunitätsforschung, 26.-28. Mai. 1968, A. Heymer, & D. Ricken, Eds. Stuttgart, F. K. Schattauer Verlag, 1969.

- 208.85 Balner, H. & van Bekkum, D. W. Tissue typing in primates. Primates in Med., 1969, 3, 55-63.
- 208.86 Landon, J. C. & Ellis, L. B. Leukocyte cultures from chimpanzees. Proc. Ann. Leucocyte Cult. Conf., 1969, 3, 237-253.
- 208.87 Moore, G. W., Goodman, M., Farris, W. and Brookins, M. Immunodiffusion systematics in the chimpanzee. Pp. 108-112 in Proceedings of the second international congress of primatology, vol. 3, H. O. Hofer, Ed. Basel, S. Karger, 1969.
- 208.88 Felsenfeld, O. Immunoglobulin production and secretion into the intestinal tract of primates under the influence of some antigenic stimuli. Protides biol. Fluids, 1969, 16, 469-478.
- 208.89 Bach, J. F., Dormont, J., Dardenne, M. & Balner, H. In vitro rosette inhibition by antihuman antilymphocyte serum. Correlation with skin graft prolongation in subhuman primates. Transplantation, 1969, 8, 265-280. Abstract: Biol. Abstr., 1970, 51, #21567.
- 208.90 Balner, H., Dersjant, H. & van Bekkum, D. W., Testing of antihuman lymphocyte sera in chimpanzees and lower primates. Transplantation, 1969, 8, 281-290.
- 208.91 Litwin, S. D., Camp, F. R. Jr. & Shields, C. E. Serum agglutinators reacting with pepsin treated Y-globulin: I. "Naturally occurring" reactants in the serum of subhuman primates. U. S. Army med. Res. Lab. Rep. No. USAMRL-815, Fort Knox, Kentucky, 1969, ii, 16 pp. (Dept. Commerce Clearinghouse AL-692 282)
- 208.92 Chaparas, S. D., Hedrick, S. R., Clark, R. G. & Garman, R. Comparison of the lymphocyte transformation test with the tuberculin test in rhesus monkeys and chimpanzees. Amer. J. vet. Res., 1970, 31, 1437-1441.
- 208.93 Dorf, M. E., & Zmijewski, C. M. Erythrocyte Antigens of Chimpanzees. In G. H. Bourne (Ed.), The chimpanzee, vol. 3. Baltimore: University Park Press, 1970, Pp. 1-19.
- 208.94 Litwin, S. D. Naturally occurring pepsin agglutinators in the serum of subhuman primates. Clin. exp. Immunol., 1970, 6, 597-607.
- 208.95 Rurie, J. [Paratypes: common antigens of certain primate groups.] C. R. Acad. Sci. (Paris), 1970, D271, 2437-2439.
- 208.96 Balner, H. In vivo evaluation of antihuman lymphocyte sera. Fed. Proc., 1970, 29, 117-119.
- 208.97 Dorf, M. E. & Metzgar, R. S. Serological relationships of human, chimpanzee and gorilla lymphocyte isoantigens. Pp. 287-297 in Histocompatibility testing 1970, P. I. Terasaki, Ed. Baltimore, Maryland, The Williams & Wilkins Company, 1970.

- 208.98 Bauer, K. Cross-reactions between human and animal plasma proteins. I. The immunological evolution groups (IEG) I and II. Humangenetick, 1970, 5, 325-329.
- 208.99 Shuster, J., Wang, A.-C. & Fudenberg, H. H. Evolutionary dissociation of allotypes and other antigenic determinants of immunoglobulins in non-human primates. Immunochemistry, 1970, 7, 91-97.
- 208.100 Litwin, S. D. Anti-globulin antibodies detecting hidden γG antigens: Characterization of the "pepsin site" by different immune antisera. Immunology, 1970, 19, 511-517.
- 208.101 Darrow, C. C., II, LaFontaine, G. S., Martin, D. P., Smith, J. J., Sell, K. W. & Kayhoe, D. E. Immunosuppression in rhesus monkeys with anti-human lymphocyte sera: Protective measure taken to prevent the spread of infections. Pp. 217-224 in Infections and immunosuppression in subhuman primates, H. Balner & W. I. B. Beveridge, Eds. Baltimore, Williams & Wilkins, 1970.
- 208.102 Wiener, A. S., Gordon, E. B., Socha, W. W. & Moor-Jankowski J. Further observations on the immunological relationships among serum globulins of man and other primates, revealed by a serological inhibition test. Int. Arch. Allergy, 1970, 39, 368-380.
- 208.103 Margoliash, E., Nisonoff, A. & Reinchlin, M. Immunological activity of cytochrome c. I. Precipitating antibodies to monomeric vertebrate cytochromes c. J. biol. Chem., 1970, 245, 931-939.
- 208.104 van Bekkum, D. W. & Balner, H. In vivo testing of antihuman lymphocyte sera. Laval med., 1970, 41, 248-254.
- 208.105 Bach, J.-F., Balner, H., Dardenne, M., Hors, J.-H., Josso, F. & Dormont, J. Peut-on mesurer in vitro l'efficacité et la toxicité d'un sérum antilymphocyte? (Is it possible to measure in vitro the effectiveness and the toxicity of the serum anti-lymphocyte?) Presse med., 1970, 78, 535-540.
- 208.106 Balner, H., Traeger, J., van Bekkum, D. W., Carraz, M., Fries, D., Plan, R. Brochier, M., Triaud, R., Charbonnier, C., Cotte, J., Durix, C., Bonneau, M., Veyssere, C. & Prévot, J. Contribution à l'étude de la standardisation du serum antilymphocyte. (Contribution to the study of the standardization of antilymphocyte serum.) Progr. immunobiol. Standard., 1970, 4, 214-224
- 208.107 Cosimi, A. B., Skamene, E., Bonney, W. W. & Russell, P. S. Experience with large-dose intravenous antithymocyte globulin in primates and man. Surgery, 1970, 68, 54-61.

- 208.108 McCombs, M. L. & Bowman, B. H. Electrophoretic comparison of ceruloplasmin types in ten primate species. Tex. Rep. Biol. Med., 1970, 28, 69-74.
- 208.109 Metzgar, R. S. & Seigler, H. F. Tissue antigens of man and chimpanzees: Their role in xenografting. Transplant. Proc., 1970, 2, 463-467.
- 208.110 DeWitt, C. W. Immunologic aspects of cross-species transplantation. Transplant. Proc., 1970, 2, 468-478.
- 208.111 Möller, G., Lundgren, G. & Balner, H. An in vitro test of the immunosuppressive activity of antilymphocyte serum. Transplantation, 1970, 9, 166-168.
- 208.112 Revillard, J. P., Brochier, J., Traeger, J. & Balner, H. In vitro assay of suppressive properties of antilymphocyte sera on lymphocyte stimulation. Transplantation, 1970, 9, 592-597.
- 208.113 Goldsmith, E. I., Moor-Jankowski, J., Wiener, A. S., Allen, F. H. & Hirsch, R. Exchange transfusion of nonhuman primates with human blood. A program for preparation of cross-circulation partners in hepatic failure. Pp. 80-89 in Medical primatology 1970, E. I. Goldsmith & J. Moor-Jankowski, Eds. Basel, S. Karger, 1971.
- 208.114 Murphy, G. P., Mirand, E. A. & Groenewald, J. H. Erythropoietin release in baboon renal allografts. Pp. 103-118 in Medical primatology 1970, E. I. Goldsmith, & J. Moor-Jankowski, Eds. Basel, S. Karger, 1971.
- 208.115 Balner, H. & van Rood, J. J. Transplantation antigens in rhesus monkeys. Nature (Lond.), 1971, 232, 121.
- 208.116 Levy, J. A., Levy, S. B., Hirshaut, Y., Kafuko, G. & Prince, A. Presence of EBV antibodies in sera from wild chimpanzees. Nature (Lond.), 1971, 233, 559-560.
- 208.117 Goodman, M. & Moore, G. W. Immunodiffusion systematics of the primates. I. Catarrhini. Syst. Zool., 1971, 20, 19-62.
- 208.118 Balner, H., Gabb, B. W., Dersjant, H., van Vreeswijk, W., van Leeuwen, A. & van Rood, J. J. Heterologous antisera for human histocompatibility testing. Transplant. Proc., 1971, 3, 1088-1098.
- 208.119 Balner, H., Dersjant, H., van Vreeswijk, W., van Leeuwen, A., van Rood, J. J. Identification of chimpanzee leukocyte antigens (ChL-A) and their relation to HL-A. Transplantation, 1971, 11, 309-317.

209.00 Biochemistry

- 209.1 Wells, H. G., & Caldwell, G. T. The purine enzymes of the orang-utan (*Simig satyrus*) and chimpanzee (*anthropopithecus troglodytes*). J. biol. Chem., 1914, 18, 157-165.
- 209.2 Wells, H. G., & Caldwell, G. T. The purine enzymes of the anthropoids and marsupials. Proc. Soc. exp. Bio., New York, 1914, 11, 153-154.
- 209.3 Rheinberger, M. B. A comparative study of the nitrogen excretory products of the urine of various primates. Ph.D. Diss., Yale Univ., 1935, 82 pp.
- 209.4 Rheinberger, M. B. The nitrogen partition in the urine of various primates. J. bio. Chem., 1936, 115, 343-360.
- 209.5 Gunstone, F. D. Animal fats. V. The component acids of chimpanzee fat. Biochem. Jour., 1955, 59, 454-455.
- 209.6 Staten, F. W., Edwards, R. H., Fahlstrom, P., Goins, E., Cooper, Z. & Schwandt, V. Physiological base-line studies of zoological specimens. Serum biochemical values of chimpanzees. Air Force Missile Develop. Center Tech. Rep. No. AFMDC-TR-61-25, Holloman Air Force Base, New Mexico, 1961, vii, 15 pp. (Dept. Commerce Clearinghouse AD-264 657.)
- 209.7 Forchielli, E. & Elmadjian, F. Characterization of hormonal steroids of the chimpanzee. Aeromedical Research Laboratory Technical Report 63-17, Holloman AFB, New Mexico, 1963.
- 209.8 Komarova, T. F. & Firsov, L. A. (General sugar content in the blood of the chimpanzee.) Dokl. Akad. Nauk SSSR, 1964, 155, 486-488. Engl. Trans: Dokl. Akad. Nauk SSSR, (Biol. Sci. Sect.), 1964, 155, 273-275.
- 209.9 Komarova, T. F., Tendler, D. S. & Sokolova, E. V. Determination of protein-bound iodine in the blood of man and various animals. Probl. Endokr. Gormonoter., 1964, 4, 72-76.
- 209.10 Uhlenbrück, G., & Schmitt, J. Über das Vorkommen von N-Glykoly-N-Neuraminsäure bei Affen. (Concerning the appearance of N glycol-neuroamino acids in apes.) Naturwissenschaften, 1965, 53, 163.
- 209.11 Lush, I. E. The biochemical genetics of vertebrates except man. Frontiers Biol., 1966, 3, 1-118.
- 209.12 Manocha, S. L., Bourne, G. H. & Sandler, M. The effect of phenazine methosulfate on the activity of dehydrogenases as studies by starch gel electrophoresis. Experientia (Basel), 1967, 23, 35-36.

- 209.13 Goodman, M. Effects of evolution on primate macromolecules. Primates, 1966, 7, 398.
- 209.14 Goodman, M. Effects of evolution on primates macromolecules. Primates, 1967, 8, 1-22.
- 209.15 Goodman, M. & Poulik, M. D. Genetic variations and phylogenetic properties of protein macromolecules of chimpanzees. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-Tr-68-3, Holloman Air Force Base, New Mexico, 1968, iii, 21 pp.
- 209.16 Nakagawa, J. & Hudgins, P. C. Method for simultaneous isolation of myoglobin, cytochrome c and hemoglobin from tissue. Analyt. Biochem., 1968, 26, 358-363.
- 209.17 Smith, I. Indoles, amino acids and imidazoles as an aid to primate taxonomy. Chapter 3 in Chemotaxonomy and serotaxonomy, J. G. Hawkes, Ed. London, Academic Press Inc. Ltd, 1968.
- 209.18 Morrow, A. C. & Terry, M. W. Enzymes in blood of nonhuman primates tabulated from the literature. I. Cholinesterase, alkaline phosphatase and other hydrolyzing enzymes. Seattle, Primate Information Center, 1968, 21 pp.
- 209.19 Morrow, A. C. & Terry, M. W. Enzymes in blood of nonhuman primates tabulated from the literature. II. Serum glutamic oxalacetic transaminase and glutamic pyruvic transaminase. Seattle, Primate Information Center, 1968, 14 pp.
- 209.20 Morrow, A. C. & Terry, M. W. Enzymes in the blood of nonhuman primates tabulated from the literature. III. Oxidoreductases including dehydrogenases. Seattle, Primate Information Center, 1968, 17 pp.
- 209.21 Li, S.-C. & Li, Y.-T. The protein and protein-bound carbohydrates in four species of nonhuman primates' sera. Proc. Soc. exp. Biol. (N. Y.) 1968, 127, 1014-1017.
- 209.22 Kratochvil, C. H. (First Holloman symposium on primate immunology and molecular genetics.) Introduction. Primates in Med., 1968, 1, vii-xv.
- 209.23 Mann, G. V. Blood changes in experimental primates fed purified diets: Pyridoxine and riboflavin deficiency. Vitam. and Horm., 1968, 26, 465-485.
- 209.24 Peeters, H. & Blaton, V. Comparison of lipid and lipoprotein patterns in primates. Acta Zool. Path. (Antwerp), 1969, 48, 221-231.

- 209.25 Wisecup, W. G., Hodson, H. H., Jr., Hanly, W. C. & Felts, P. E. Baseline blood levels of the chimpanzee (Pan troglodytes): Liver function tests. Amer. J. vet. Res., 1969, 30, 955-962.
- 209.26 Poulik, M. D. Discussion paper: Electrophoretic analysis of proteins of human and nonhuman primate stroma. Ann. N. Y. Acad. Sci., 1969, 162, 211-216.
- 209.27 Koen, A. L. & Goodman, M. Lactate dehydrogenase isozymes: Qualitative and quantitative changes during primate evolution. Biochem. Genet., 1969, 3, 457-474.
- 209.28 Nakajima, Y., Shantha, T. R. & Bourne, G. H. Histochemical detection of L-gulonolactone: phenazine methosulfate oxidoreductase activity in several mammals with special reference to synthesis of vitamin C in primates. Histochemie, 1969, 18, 293-301.
- 209.29 Koen, A. L. & Goodman, M. Nature of lactate dehydrogenase variation between man and chimpanzee. Pp. 138-142 in Proceedings of the second international congress of primatology, vol. 3, H. O. Hofer. Ed. Basel, S. Karger, 1969.
- 209.30 Tashian, R. E. & Stroup, S. R. Variation on the primary structure of carbonic anhydrase B in man, great apes, and Old World monkeys. Biochem. biophys. Res. Commun., 1970, 41, 1457-1462.
- 209.31 Smith, I. Comparative biochemistry of the primates. III. Imidazole metabolites in the blood and urine. Comp. Biochem. Physiol., 1970, 36, 613-617.
- 209.32 Nakajima, Y. & Bourne, G. H. Histochemical studies on urate oxidase in several mammals with special reference to uricolytic ability of primates. Histochemie, 1970, 22, 20-24.
- 209.33 Donaldson, V. H. & Pensky, J. Some observations on the phylogeny of serum inhibitor of C₁ esterase. J. Immunol., 1970, 104, 1388-1395.
- 209.34 Peters, J. H., Lin, S. C., Berridge, B. J., Jr., Chao, W. R. & Cummings, J. G. Circulatory L-asparaginase activity in primates. Life Sci., 1970, 9(2), 431-436.
- 209.35 Barnicot, N. A. & Wade, P. T. Protein structure and the systematics of Old World monkeys. Pp. 227-260 in Old World monkeys, J. R. Napier & P. H. Napier, Eds. New York, Academic Press, 1970.
- 209.36 Doolittle, R. F. & Mross, G. A. Identity of chimpanzee with human fibrinopeptides. Nature (Lon.), 1970, 225, 643-644.

- 209.37 Mann, G. V. & Crofford, O. B. Insulin levels in primates by immunoassay. Science, 1970, 169, 1312-1313.
- 209.38 Clevenger, A. B., Marsh, W. L. & Perry, T. M. Clinical laboratory studies of the gorilla, chimpanzee, and orangutan. Amer. J. clin. Path., 1971, 55, 479-488.
- 209.39 Peter, J. H., Berridge, B. J., Chao, W. R., Cummings, J. G. & Lin, S. C. Amino acid patterns in plasma of Old World and New World primates. Comp. Biochem. Physiol., 1971, B39, 639-648.
- 209.40 Smith, I. Comparative biochemistry of the primates. I. Amino acid patterns in the blood and urine. Folia primat., 1971, 14, 101-109.
- 209.41 Smith, I. & Lerner, R. P. Comparative biochemistry of the primates. II. The indole compounds of primate blood and urine. Folia primat., 1971, 14, 110-117.
- 209.42 Planas, J. & Grau, M. Serum chemistry in the chimpanzee and the gorilla. Folia primat., 1971, 15, 77-87.

210.00 Endocrine

- 210.1 Arndt, H. J. Epithelkoerperchenbefunde bei Menschenaffen.
(Parathyroid gland findings in anthropoid apes.) Z. Anat. Entw. Gesch.,
1923, 68, 514-522.
- 210.2 Zuckerman, S. The menstrual cycle of the primates. Part I.
General nature and homology. Proc. zool. Soc. Lond., 1930, 691-754.
- 210.3 Zuckerman, S. The menstrual cycle of the primates. Observations
on the lactation period. Proc. zool. Soc. Lond., 1931, 1, 593.
- 210.4 Woskressensky, & Iwanow Beobachtungen ueber Sexual-
zyklen bei Affen. (Observations on the sexual cycles of apes.) Biol. generalis, Wien, 1932, 597-606.
- 210.5 Tinklepaugh, O. L. Sex cycles and other cyclic phenomena in
a chimpanzee during adolescence, maturity, and pregnancy. J. Morph.,
1933, 54, 521-547.
- 210.6 Zuckerman, S., & Fulton, J. F. The menstrual cycle of the
primates. VII. The sexual skin of the chimpanzee. J. Anat., 1934,
69, 38-46.
- 210.7 Allen, E., Diddle, A. W., & Elder, J. H. Theelin content of
pregnancy urine and placenta of the chimpanzee. Amer. J. Physiol.,
1935, 110, 593-596.
- 210.8 Elder, J. H. & Yerkes, R. M. The sexual cycle of the chimpanzee.
Anat. Rec., 1936, 67, 119-143.
- 210.9 Allen, E., Diddle, A. W., Burford, T. H., & Elder, J. H.
Analyses of urine of the chimpanzee for estrogenic content during
various stages of the menstrual cycle. Endocrinology, 1936, 20,
546-549.
- 210.10 Yerkes, R. M., & Elder, J. H. The sexual and reproductive
cycles of chimpanzees. Proc. nat. Acad. Sci. Wash., 1936, 22, 276-283.
- 210.11 Zuckerman, S. The duration and phases of the menstrual cycle
in primates. Proc. zool. Soc. Lond., 1937, 315-329.
- 210.12 Elder, J. H. Effects of theelin injections in normal pre-
pubescent chimpanzees. Anat. Rec., 1938, 72, 37-43.
- 210.13 Fish, W. R., Young, W. C., & Dorfman, R. I. Excretion of
estrogenic and androgenic substances by female and male chimpanzees
with known mating behavior records. Endocrinology, 1941, 28, 585-592.

- 210.14 Young, W. C., Fish, W. R., & Dorfman, R. I. Cyclic reproductive activity and the excretion of estrogenic substances following incomplete removal of ovarian tissue in the chimpanzee. Anat. Rec., 1942, 82, 455.
- 210.15 Fish, W. R., et al. Metabolism of the steroid hormones. III. The isolation of pregnadiol, -3(2), 20 (2) from the urine of pregnant chimpanzees. J. Biol. Chem., 1942, 143, 715-720.
- 210.16 Young, W. C., & Yerkes, R. M. Factors influencing the reproductive cycles in the chimpanzee; the period of adolescent sterility and related problems. Endocrinology, 1943, 33, 121-154.
- 210.17 Clark, G. Effects of sex hormone therapy on prepubertal male castrate chimpanzee. Fed. Proc., 1945, 4, 1.
- 210.18 Clark, G. Prepubertal castration in the male chimpanzee with some effects of replacement therapy. Growth, 1945, 9, 327-339.
- 210.19 Clark, G. Estrogens and the sex skin in the male chimpanzee. Endocrinology, 1946, 39, 155-157.
- 210.20 Clark, G. Threshold bleeding and sex skin in the castrate female chimpanzee. Endocrinology, 1947, 41, 327-329.
- 210.21 Beach, F. A. Hormones and behavior. New York: Paul B. Hoeber, Inc., 1948, 368 pp.
- 210.22 Clark, G. The failure of estrogen to induce changes in the sex skin of the male chimpanzee. Yale J. Biol. Med., 1949, 21, 245-247.
- 210.23 Weinert, H. Zur Frage des Gigantenproblems der Summoprimaten. (About the problem of gigantism in the highest primates.) Anat. Anz., 1951, 98, 279-287.
- 210.24 Corner, G. W. The events of the primate ovarian cycle. Brit. med. J., 1952, 403-409.
- 210.25 Bartelmex, G. W. Factors in the variability of the menstrual cycle. Anat. Rec., 1953, 115, 101-120.
- 210.26 Lanman, J. T. The adrenal fetal zone: Its occurrence in primates and a possible relationship to chorionic gonadotropin. Endocrinology, 1957, 61, 684-691.
- 210.27 Clark, G. & Gavan, J. A. Skeletal effects of prepubertal castration in the male chimpanzee. Anat. Rec., 1961, 139, 216.
- 210.28 Romanoff, L. P., Grace M. P., Sugerman, E. M. & Pincus, G. Metabolism of progesterone-4-C¹⁴ in immature chimpanzees. Gen. comp. Endocr., 1963, 3, 649-654.

- 210.29 Romanoff, L. P., Grace, M. P., Sugerman, E. M. & Pincus, G. Metabolism of 17 alpha-hydroxyprogesterone-6, 7-H₃ in the immature chimpanzees. Gen. comp. Endocr., 1963, 3, 655-659.
- 210.30 Legait, E. & Legait, H. Histophysiologie comparee de la pars intermedia de l'hypophyse. (Comparative histophysiology of the intermediate parts of the hypophysis.) Arch. Biol. (Liege), 1964, 75, 497-527.
- 210.31 Tashjian, A. H., Levine, L., & Wilhelmi, A. E. Immunochemical relatedness of porcine, bovine, ovine and primate pituitary growth hormones. Endocrinology, 1965, 77, 563-573.
- 210.32 Elmadjian, F., & Forchielli, E. Characterization of hormonal steroids of the chimpanzee: Changes observed in adrenal cortical function during simulated and actual space flight, In Martini, L., & Pecile, A. (Eds.), Hormonal steroids: biochemistry, pharmacology, and therapeutics. Proceedings of the First International Congress on Hormonal Steroids, New York: Academic Press, 1965.
- 210.33 Jirku, H. & Layne, D. S. The metabolism of estrone-¹⁴C in a pregnant chimpanzee. Steroids, 1965, 5, 37-44.
- 210.34 Tashjian, A. H., Jr., Levine, L., Wilhelmi, A. E. & Parker, M. L. Rabbit, guinea pig, rat and human antibodies to human growth hormone: Immunological reactions with human and nonhuman primate growth hormones. Endocrinology, 1966, 79, 615-623. Abstract: Biol. Abstr., 1967, 48, #8515.
- 210.35 Lang, C. M. The estrous cycle of nonhuman primates: A review of the literature. Lab. Anim. Care, 1967, 17, 172-179.
- 210.36 Morrow, A. C. & Terry, M. W. Adrenal and gonadal hormones in plasma and urine of nonhuman primates: A tabulation from the literature. Seattle, Primate Information Center, 1968, 30 pp.
- 210.37 Tashjian, A. H., Jr., Levine, L. & Wilhelmi, A. E. Use of complement fixation for the quantitative estimation of growth hormone and as a method for examining its structure. Excerpta med. (Amst.), Int. Congr. Ser., 1968, 158, 70-83.
- 210.38 McArthur, J. W. & Perley, R. Urinary gonadotropin excretion by infrahuman primates. Endocrinology, 1969, 84, 508-513.
- 210.39 Jochle, W. Die physiologische Rolle des Progesterons im Wirbeltierreich. (The physiological role of progesterone in vertebrates.) Handb. exp. Pharmakol., 1969, n.s.22(2) (Suppl.), 606-719.
- 210.40 Tashjian, A. H., Jr. & Levine, L. Taxonomic specificity of growth hormones and thyrocalcitonins as measured immunologically. Excerpta med. (Amst.), Int. Congr. Ser., 1969, 184, 440-452.

210.41 Seth, P. Occurrence and function of cortico steroids in some selected mammalian species. Gen. comp. Endocr., 1969, (Suppl, 2). 317-324.

210.42 Graham, C. E. Guilloud, N. and McArthur, J. W. Reproductive endocrinology of the chimpanzee. Pp. 66-72 in Proceedings of the second international congress of primatology, vol. 2, H. O. Hofer, Ed. Basel, S. Karger, 1969.

210.43 White, W. F. On the identity of the LH-and FSH-releasing hormones. Colloq. Ges. biol. Chem., 1970, 21, 84-87.

210.44 Shackleton, C. H. L., Mitchell, F. L., Gustafsson, J.-A. & Sjovall, J. Steroids in primates: Excretion of 3β -hydroxy- Δ steroids by a newborn chimpanzee (Pan troglodytes). FEBS Lett., 1970, 11, 129-131.

210.45 Washburn, S. L. & Harding, R. S. O. The selection of nonhuman primates in biological research. Pp. 1-13 in Feeding and nutrition of nonhuman primates, R. S. Harris, Ed. New York, Academic Press, 1970.

210.46 Thorington, R. W., Jr. Feeding behavior of nonhuman primates in the wild. Pp. 15-27 in Feeding and nutrition of nonhuman primates, R. S. Harris, Ed. New York, Academic Press, 1970.

210.47 Moreland, A. F. Nutritional status and problems of feeding newly imported primates. Pp. 29-43 in Feeding and nutrition of nonhuman primates, R. S. Harris, Ed. New York, Academic Press, 1970.

210.48 Clarkson, T. B., Bullock, B. C., Lehner, N. D. M. & Manning, P. J. Diseases affecting the usefulness of nonhuman primates for nutrition research. Pp. 233-250 in Feeding and nutrition of nonhuman primates. R. S. Harris, Ed. New York, Academic Press, 1970.

210.49 Lang, C. M. Organoleptic and other characteristics of diet which influence acceptance by nonhuman primates. Pp. 263-275 in Feeding and nutrition of nonhuman primates R. S. Harris, Ed. New York, Academic Press, 1970.

210.50 Tavernor, W. D., Ed. Nutrition and disease in experimental animals. London, Pailiere, Tindall & Cassell, 1970, x, 165 pp.

210.51 Howland, B. E., Falkman, C. & Butler, T. M. Serum levels of FSH and LH during the menstrual cycle of the chimpanzee. Biol. Reprod., 1971, 4, 101-105.

210.52 Shackleton, C. H. L. & Gustafsson, J.-A. Steroids in newborns and infants. Identification by combined gas chromatography--mass spectrometry of the major steroids excreted by a newborn chimpanzee (Pan troglodytes). Steroids, 1971, 18, 175-186.

211.00 Reproduction

- 211.1 Meyer, A. B. Ein angeblicher Bastard zwischen Gorilla und Chimpanze. (An alleged hybrid between gorilla and chimpanzee.) Zool. Gart., 1881, 22, 231-236.
- 211.2 Blair, W. R. Notes on the birth of a chimpanzee. N. Y. Zool. Soc. Bull., 1920, 23, 104-111.
- 211.3 Freund, L. Zur Sexualbiologie der Affen. (Sexual biology of the apes.) Lotos, 1921, 69, 253-267.
- 211.4 Voronoff, S., & Didry. Physiological effect of an ovarian graft on a female chimpanzee previously deprived of its ovaries. Skand. Arch. Physiol., 1926, 49, 238-239.
- 211.5 Fox, H. The birth of two anthropoid apes. J. Mammal., 1929, 10, 37-51.
- 211.6 Brown, C. E. Birth of second chimpanzee in the Philadelphia Zoological Garden. J. Mammal., 1930, 11, 303-305.
- 211.7 Blotevogel, W. Die Follikelatresie bei Maus und Affen. Ein Beitrag zum Konstitutionproblem. (Follicular atresia in mouse and ape. A contribution to the genotype problem.) Anat. Anz., Erg. H., 1932, 75, 122-128.
- 211.8 Tinklepaugh, O. L. Parturition and puerperal sepsis in a chimpanzee. Anat. Rec., 1932, 53, 193-205.
- 211.9 Zuckerman, S. Exhibition of (1) brain of a chimpanzee; and (2) specimens demonstrating functional changes in the mammary glands of the green monkey (*Arcopithecus sabaeus*). Proc. zool. Soc. Lond., 1932, 1079-1081.
- 211.10 Clarke, R. C. Notes on birth of a chimpanzee in the Clifton Zoological Gardens, Bristol. Proc. zool. Soc. Lond., 1934, 731-732.
- 211.11 Yerkes, R. M. Multiple births in anthropoid apes. Science, 1934, 79, 430-431.
- 211.12 Zuckerman, S. The Ascheim-Zondek diagnosis of pregnancy in the chimpanzee. Amer. J. Physiol., 1935, 110, 597-601.
- 211.13 Wyatt, J. The birth of a chimpanzee at the Zoological Gardens, London. Proc. r. Soc. Med., 1935, 28, 876-878. Also Lancet, 1935, 228, 678.

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- 211.14 Wyatt, J., & Vevers, G. M. On the birth of a chimpanzee recently born in the Society's Gardens. Proc. zool. Soc. Lond., 1935, 195-197.
- 211.15 Zuckerman, S., & Morse, A. H. The experimental production of excessive endometrial hyperplasia. Surg. Gynec. Obstet.. 1935, 61, 15-19.
- 211.16 Yerkes, R. M., & Elder, J. H. Oestrus, receptivity, and mating in chimpanzee. Comp. Psychol. Monogr., 1936, 13, 39 pp.
- 211.17 Brown, C. E. Rearing wild animals in captivity and gestation periods. J. Mammal., 1936, 17, 10-13.
- 211.18 Roit, P. Les durees de gestation des mammifères sauvages d'après C. E. Brown. Comparaison avec les résultats de G. Jennison. (The duration of gestation of savage mammals according to C. E. Brown, compared with the results of G. Jennison.) Mammalia, 1936, 1, 26-28.
- 211.19 Tomilin, M. I. Length of gestation period and menstrual cycle in the chimpanzee. Nature, 1936, 137, 318-319.
- 211.20 Elder, J. H. & Yerkes, R. M. Chimpanzee births in captivity. A typical case history and report of sixteen births. Proc. Roy. Soc., 1936, 120, 409-421.
- 211.21 Hauser, C. H. The chimpanzee ovum in the early stages of implantation. Amer. J. phys. Anthropol., 1937, 25, 155-175.
- 211.22 Finch, G., Yerkes, R. M., & Elder, J. H. Bodily electrical potential changes associated with ovulation and early pregnancy in the chimpanzee. Proc. Soc. exp. Biol., 1937, 37, 560-563.
- 211.23 Yerkes, R. M., & Elder, J. H. Concerning reproduction in the chimpanzee. Yale J. Biol. Med., 1937, 10, 41-48.
- 211.24 Saglik, S. Ovaries of the gorilla, chimpanzee, orang-utan and gibbon. Contrib. Embryol. Carneg. Instn.. 1938, 27, 179-189.
- 211.25 Elder, J. H. Ovulation time in primates. Proc. Fla. Acad. Sci., 1938, 1, 449-460.
- 211.26 Elder, J. H. The time of ovulation in chimpanzees. Yale J. Biol. Med., 1938, 10, 347-364.
- 211.27 Ashley-Montagu, M. F. Adolescent sterility. A study in comparative physiology of the infecundity of the adolescent organism in mammals and man. Springfield, Ill., Chas C. Thomas, 1946, 148 pp. Also: Quart. Rev. Biol. 1939, 14, 13-34, 192-219.

- 211.28 Elder, J. H. Puerperal hemorrhage in chimpanzees. Amer. J. Obstet. Gynec., 1939, 37, 327-329.
- 211.29 Elder, J. H., & Bruhn, J. M. Use of the Friedman test for pregnancy with chimpanzees. Yale J. Biol. Med., 1939, 12, 155-160.
- 211.30 Hauser, C. H. The chimpanzee ovum in the early stages of implantation (about 10-1/2 days). Jour. Morph., 1940, 66, 155-169.
- 211.31 Elder, J. H. Attempt to recover sodium pregnadiol; glucuronide from chimpanzee pregnancy urine. Proc. Soc. Exp. Biol. and Med., 1941, 45, 57-59.
- 211.32 Portmann, A. Die Tragzeiten der Primaten und die Dauer der Schwangerschaft beim Menschen: ein Problem der vergleichenden Biologie. (The period of gestation of primates and the duration of pregnancy in humans: a problem of comparative biology.) Rev. suisse Zool., 1941, 48, 511-518.
- 211.33 Young, W. C., & Yerkes, R. M. The influence of age, season and pregnancy on the character of the reproductive cycle in 22 chimpanzees. Anat. Rec., 1942, 84, 455.
- 211.34 Hartman, C. G. Recovery of primate eggs and embryos. Methods and data on the time of ovulation. West. J. Surg., 1944, 52, 41-61.
- 211.35 Hartman, C. G. The mating of mammals. Am. N. Y. Acad. Sci., 1945, 46, 23-44.
- 211.36 Shtefko, V. G., & Kar'Kow, A. A. Eclampsia in apes. Proc. Moscow Zool. Park, 1946, 3, 206-217.
- 211.37 Schultz, A. H. The number of young at a birth and the number of nipples in primates. Amer. J. Phys. Anthropol., 1948, 6, 1-23.
- 211.38 Clark, G. Observations on the sex skin and sex cycle in the chimpanzee. Endocrinology, 1948, 43, 218-231.
- 211.39 Gavan, J. A. Birth order and birth weight in the chimpanzee. Amer. J. phys. Anthropol., 1952, 10, 23-30.
- 211.40 Guttmacher, A. F. The incidence of multiple births in man and some of the other primata. Obstet. & Gynecol., 1953, 2, 22-35.
- 211.41 Zuckerman, S. The breeding seasons of mammals in captivity. Proc. zool. Soc. Lond., 1953, 122, 827-950.
- 211.42 Peacock, L. J., & Rogers, C. M. Gestation period and twinning in chimpanzee. Science, 1959, 129, 959.

- 211.43 Firsov, L. A. Sostoianie sledovykh uslovnykh refleksov u shimpanze v sviazi s polovym tsiklom. (State of trace conditioned reflexes in a chimpanzee in connection with the sexual cycle.) Zh. vyssh. nervn. Deiatel., 1960, 10, 414-420; and Pavlov J. higher mental nervous activity, 1960, 10, 440-447.
- 211.44 Erikson, L. B. Sex skin turgescence, Vaginal smear changes, and determination of the period of ovulation in chimpanzee. Anat. Rec., 1963, 145, 227. (Abstract)
- 211.45 Erikson, L. B. Sex skin turgescence, vaginal smear changes and determination of the period of ovulation in the chimpanzee. Fertil. and Steril., 1963, 14, 273-283.
- 211.46 Asdell, S. A. Primates. In Patterns of mammalian reproduction, 2nd ed., Ithaca, New York: Cornell University Press, 1964.
- 211.47 Hediger, H. Environmental factors influencing the reproduction of zoo animals. In Beach, F. A. (Ed.) Sex and behavior, New York: John Wiley and Sons, 1965.
- 211.48 Roussel, J. E. & Austin, C. R. Enzymic liquefaction of primate semen. Int. J. Fertil., 1967, 12, 288-290.
- 211.49 Roussel, J. D. & Austin, C. R. Preservation of primate spermatozoa by freezing. J. Reprod. Fertil., 1967, 13, 333-335.
- 211.50 Bourne, G. H. Premature chimpanzee triplets at Yerkes. Lab. Primate Newslett., 1967, 6(4), 14-15.
- 211.51 Fussell, E. N., Roussel, J. D. & Austin, C. R. Use of the rectal probe method for electrical ejaculation of apes, monkeys and a prosimian. Lab. Anim. Care, 1967, 17, 528-530.
- 211.52 Carmichael, L. The relationship of gestation-duration and birth weight in primates. Pp. 55-58 in Neue Ergebnisse der Primatologie, D. Starck, R. Schneider & H.-J Kuhn, Eds. Stuttgart, Gustav Fischer Verlag, 1967.
- 211.53 Fontaine, P. A. Birth of four species of apes at Dallas Zoo. Int. Zoo Yearb., 1968, 8, 115-118, pl. 28.
- 211.54 Hill, C. A. Observations on the birth of a pigmy chimpanzee Pan paniscus at San Diego Zoo. Int. Zoo Yearb., 1968, 8, 119-120.
- 211.55 Roussel, J. D. & Austin, C. R. Improved electro-ejaculation of primates. J. Inst. Anim. Tech., 1968, 19, 22-32.
- 211.56 Leidl, W. Steuerung und Beeinflussung der Samenbildungsprozesse. (Controlling and influencing the sperm-building process.) Z. Tierzucht Zuchtbiol., 1968, 84, 273-289.

- 211.57 Stout, C. & Lemmon, W. B. Clomerular capillary endothelial swelling in a pregnant chimpanzee. Amer. J. Obstet. Gynec., 1969, 105, 212-215.
- 211.58 Graham, C. E., Guilloud, N. & McArthur, J. W. Reproductive endocrinology of the chimpanzee. Pp. 66-72 in Proceedings of the second international congress of primatology, vol. 2, H. O. Hofer, (Ed.) Basel: S. Karger, 1969.
- 211.59 Wilson, J. G. Teratological and reproductive studies in nonhuman primates. Proc. Int. Workshop Teratol., 1969, 2, 16-33.
- 211.60 Graham, C. E. Reproductive physiology of the chimpanzee. In G. H. Bourne (Ed.), The Chimpanzee, vol. 3. Baltimore: University Park Press, 1970. Pp. 183-220.
- 211.61 Douglas, J. D. & Butler, T. M. Chimpanzee breeding at the 6571st Aeromedical Research Laboratory. Lab. Anim. Care, 1970, 20, 477-482.
- 211.62 Roberts, J. A. & Wolf, R. H. Hydronephrosis of pregnancy: A naturally occurring disorder in non-human primates closely resembling that in man. Folia primat., 1971, 15, 143-147.
- 211.63 Johnson, W. E., Niemann, W. H. & Moor-Jankowski, J. Chimpanzee breeding: An experimental program at LEMSIP. Lab. Primate Newslett., 1971, 10(2), 18-19.
- 211.64 Goosen, C., Speltie, T. M. & Boorman, G. A. Chimpanzee breeding and pregnancy diagnosis in the Primate Center TNO. Lab. Primate Newslett., 1972, 11(1), 1-3.

212.00 Growth and Development

- 212.1 Bolau, H. Die Lebensdauer der Thiere im zoologischen Garten zu Hamburg. (The life-span of animals in the Hamburg Zoological Garden.) Zool. Gart., Frankfurt, 1879, 20, 65-71.
- 212.2 Schmidt, M. On the duration of life of the animals in the zoological gardens at Frankfurt-on-the-Main. Proc. zool. Soc. Lond., 1880, 299-319.
- 212.3 Mitchell, C.P. On longevity and relative viability in mammals and birds; with a note on the theory of longevity. Proc. zool. Soc. Lond., 1911, 425-548.
- 212.4 von Allesch, G.J. Geburt und erste Lebensmonate eines Schimpansen. (Birth and early months of the chimpanzee.) Naturwissenschaften, 1921, 9, 774-776.
- 212.5 von Allesch, G.J. Bericht ueber die drei ersten Lebensmonate eines Schimpansen. (Study of the first three months of life of a chimpanzee.) S. B. preuss. Akad. Wiss., 1921, 672-285.
- 212.6 Brown, C.E. Longevity of mammals in the Philadelphia Zoological Garden. J. Mammal., 1925, 6, 264-267.
- 212.7 Zuckerman, S. Age-changes in the chimpanzee, with special reference to growth of brain, eruption of teeth, and estimation of age; with a note on the Tamys Ape. 1928 Proceedings of the Zoological Society of London, 1-42.
- 212.8 Coupin, F. La Croissance chez les anthropoides et chez l'homme. (The growth of anthropoids and of man.) Rev. Sci., Paris, 1928, 66, 726-732.
- 212.9 Bigalke, R. The longevity of wild animals in captivity. S. Afr. J. nat. Hist., 1929, 6, 297-302.
- 212.10 Flower, S.S. Contributions to our knowledge of the duration of life in vertebrate animals. V. Mammals. Proc. zool. Soc. Lond., 1931, 145-234.
- 212.11 Brandes, G. Das Wachstum der Menschenaffen im Vergleich zu dem des Menschen in Kurven dargestellt. (The growth of the anthropoid apes in comparison to that of humans, presented in graphs.) Zool. Gart., Leipzig, 1931, 4, 339-347.
- 212.12 Brandes, G. Das Heranwachsen des Schimpansen. (The growth of the chimpanzee.) Zool. Garten, 1931, 4, 115-132.

- 212.13 Stadie, R. Biologische Aufzeichnungen ueber in Gefangenschaft gehaltene Affen und Halbaffen. (Biological records on apes and lower apes held in captivity.) Zool. Gart., Leipzig, 1931, 4, 132-140.
- 212.14 Hill, J.P. The developmental history of the primates. Croomian Lecture Philos. Trans., 1932, 221, 45-175.
- 212.15 Tomilin, M.I., & Yerkes, R.M. Chimpanzee twins: behavioral relations and development. J. genet. Psychol., 1935, 46, 239-263.
- 212.16 Yoshioka, J.G. The physiological maturation of young chimpanzees. Psychol. Bull., 1935, 32, 549.
- 212.17 Schultz, A.H. Some comparative data in growth in primates. Amer. J. phys. Anthropol., 1936, 21, No. 2.
- 212.18 Tomilin, M.I. Death of the oldest chimpanzee in captivity. Science, 1936, 83, 103-104.
- 212.19 Spence, K.W., & Yerkes, R.M. Weight, growth and age in chimpanzees. Amer. J. phys. Anthropol., 1937, 22, 229-246.
- 212.20 Grether, W.F., & Yerkes, R.M. Weight norms and relations for chimpanzee. Amer. J. phys. Anthropol., 1940, 27, 181-197.
- 212.21 Schultz, A.H. Growth and development of the chimpanzee. Contr. Embryol. Carneg. Instn., 1940, 29, 1-63.
- 212.22 Steinbacher, G. Geburt und Kindheit eines Schimpansen. (Birth and childhood of a chimpanzee.) Z. Tierpsychol., 1941, 4, 188-203.
- 212.23 Yerkes, R.M., & Yerkes, A.W. The comparative psychopathology of infra-human primates. In M. Bentley and Cowdry, E.V., "The problems of mental disorder." New York: McGraw-Hill, 1945, 327-338.
- 212.24 Hebb, D.O. Spontaneous neurosis in chimpanzees, theoretical relations with clinical and experimental phenomena. Psychosom. Med., 1947, 9, 3-19.
- 212.25 Schneider, K.M. Aus der Jugendentwicklung eines kuenstlich aufgezogenen Schimpansen. III. Vom Verhalten. A. Die Bewegungsweisen der ersten 10 Monate. (On the youthful development of an artificially raised chimpanzee. III. The behavior. A. The form of movements during the first 10 months.) Z. Tierpsychol., 1950, 7, 495-558.
- 212.26 Riesen, A.H., & Kinder, E.F. Postural development of infant chimpanzees: a comparative and normative study based on the Gesell Behavioral Examination. Yale University Press, New Haven, Conn., 1952, 204 pp.
- 212.27 Gavan, J.A. Growth and development of the chimpanzee; a longitudinal and comparative study. Human Biol., 1957, 25, 93-143.

- 212.28 Nesturkh, M. F. Dlitel' nost' zhizni u primatov. (The life span of primates.) Bull. Moskov. Obshchestva Ispytatelei Privody Otdel Biol., 1960, 65, 151. Referat. Zhur. Biol., 1961, No. 81247.
- 212.29 Gavan, J. A. & Swindler, D. R. A growth rate in some pre-adult primates. Amer. J. phys. Anthropol., 1963, 21, 425.
- 212.30 Riopelle, A. J. & Rogers, C. M. Age changes in chimpanzees. In Schrier, A. M., Harlow, H. F. & Stollnitz, F. (Eds.), Behavior of nonhuman primates: Modern Research trends, New York: Academic Press, 1965.
- 212.31 Welsch, U. Die Altersveranderungen des Primatengebisses. (Changes in Primate Bite Changed by Age.) Morph. Jb., 1967, 110, 1-188.
- 212.32 Snyder, R. L. & Moore, S. C. Longevity of captive mammals in Philadelphia Zoo. Int. Zoo Yearb., 1968, 8, 175-183.
- 212.33 Jones, M. L. Longevity of primates in captivity. Int. Zoo Yearb., 1968, 8, 183-192.
- 212.34 Müller, F. Verhältnis von Korperentwicklung und Cerebralisation in Ontogenese und Phylogene der Sauger. (The relation of the development of the body and cerebralization on the ontogeny and phylogeny of mammals.) Verh. naturforsch. Ges. Basel: 1969, 80, 1-31.
- 212.35 Gaven, J. A. Longitudinal, postnatal growth in chimpanzee. Pp. 46-102 in The chimpanzee: Behavior, growth and pathology of chimpanzee, vol. 4, G. H. Bourne, Ed. Baltimore, Maryland, University Park Press, 1971.

213.00 Nutrition

- 213.1 Tinklepaugh, O.L. A diet for chimpanzees and monkeys in captivity. J. Mammalogy, 1931, 12, 400-404.
- 213.2 Maslow, A.H. Comparative behavior of primates. VI. Food preferences of primates. J. comp. Psychol., 1933, 16, 187-197.
- 213.3 Tinklepaugh, O.L. Corrections to "A diet for chimpanzees and monkeys in captivity". J. Mammalogy, 1933, 14, 68-69.
- 213.4 Galperin, S.I., Skipin, G.W., & Woskresensky, L.N. Ueber die Registrierung der bedingten motorischen Nahrungsreaktion bei Affen. (The registration of conditioned motoric nutritive reactions in apes.) Z. ges. exp. Med., 1934, 93, 272-275.
- 213.5 Ratcliffe, H.L. Diets for a Zoological garden: some results during a test period of five years. Zoologica, N.Y., 1940, 25, 463-472.
- 213.6 Benson, R.E., Young, R.J., & Fremming, B.D. Notes on diets for the chimpanzee. USAF Sch. Aviat. Med. Project Report 55-6, 1955, 5 pp.
- 213.7 Jones, T.S. & Cave, A.J.E. Diet, longevity and dental disease in the Sierra Leone chimpanzee. Proc. Zool. Soc., London; 1960, 135, 147-155.
- 213.8 Mann, G.V. Diet and cholesterolemia in chimpanzees. Fed. Proc., 1963, 22, 268.
- 213.9 Nees, P.O., Derse, P.H. & Robaidek, E.S. Chemical and microbiological analyses of five chimpanzee diets. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-65-12, Holloman Air Force Base, New Mexico, 1965, iii, 20 pp.
- 213.10 Robaidek, E.S., Derse, P.H. & Nees, P.O. The protein evaluation of five chimpanzee diets when fed to rats. Aeromedical Research Laboratory Technological Report No. 65-13, Holloman Air Force Base, New Mexico, 1965.
- 213.11 Oxnard, C.E. Vitamin B₁₂ nutrition in some primates in captivity. Folia primat., 1966, 4, 424-431.
- 213.12 Hediger, H. Diet of animals in captivity. Int. Zoo Yearb., 1966, 6, 37-58.
- 213.13 Neseni, R. & Heidler, G. Ernahrungsphysiologische Untersuchungen an Zootieren. (Research on the Physiological Results of Nutrition in Zoo Animals). Zool. Gart. (Lpz.), 1966, NF33, 110-118.

213.14 Robaidek, E.S., Derse, P.H., Regel, L. & Nees, P.O. Development and evaluation of a pelleted and tableted diet for chimpanzees. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-67-21, Holloman AFB, New Mexico, 1967, v, 79 pp.

213.15 Hodson, H.H., Jr., Mesa, V.L. & Van Riper, D.C. Protein requirement of the young, growing chimpanzee. Lab. Anim. Care, 1967, 17, 551-562.

213.16 Payne, P.R. & Wheeler, E.F. Comparative nutrition in pregnancy. Nature (Lond.), 1967, 215, 1134-1136.

213.17 Bourne, G.H. Nutrition and diet of chimpanzees. Pp. 373-400 in The chimpanzee: Behavior, growth and pathology of chimpanzees, vol. 4, G.H. Bourne, (Ed.) Baltimore, Maryland, University Park Press, 1971.

214.00 Digestive Tract

- 214.1 Haslewood, G.A.D., & Wootton, V. Comparative study of bile salts. 1. Preliminary survey. Biochem. J., 1950, 47, 584-497.
- 214.2 Sabin, A.B. The significance of viruses recovered from the intestinal tracts of healthy infants and children. Ann. N.Y. Acad. Sci., 1956, 66, 226-230.
- 214.3 Brodie, D.A. & Marshall, R.W. Gastric content of fasted primates: a survey. Science, 1963, 141, 174-175.
- 214.4 Gall, L.S. Study of bacterial flora of the alimentary tract of chimpanzees. Aeromedical Research Laboratory Technical Documentary Report No. 64-19, Holloman AFB, New Mexico, 1964.
- 214.5 Preisig, R., Morris, T. & Bradley, S.E. Circulatory and excretory characteristics of the normal chimpanzee liver. Fed. Proc., 1964, 24, 144.
- 214.6 Gall, L.S., Riely, P.E., & Levenson, R. Bacterial flora of the alimentary tract of captive chimpanzees. Aeromedical Research Laboratory Technical Documentary Report No. 65-20, Holloman AFB, New Mexico, 1965.
- 214.7 Gall, L.S. The influence of diet on the normal fecal flora of the chimpanzee. Aeromedical Research Laboratory Technical Documentary Report No. 65-21, Holloman AFB, New Mexico, 1965.
- 214.8 Riely, P.E. Study of the fecal bacterial population of chimpanzees. Aeromedical Research Laboratory Technical Documentary Report 66-13. Holloman AFB, New Mexico, 1966.
- 214.9 Douglas, J.D., Vasington, P.J. & Noel, J.K. Viral spectrum of an established chimpanzee liver cell line. Proc. Soc. exp. Biol. (N.Y.), 1966, 121, 824-829. Abstract: Biol. Abstr., 1966, 47, #88561.
- 214.10 Frentz, G.D., Hansen, H.J. & Miller, O.N. Antigenic and chemical similarities between B₁₂-binders of human gastric juice and B₁₂-binders extracted from the fundus of the chimpanzee stomach. Fed. Proc., 1966, 25, 429.
- 214.11 Day, P.W., Soike, K.F. Levenson, R.H., & Van Riper, D.C. The viral flora of the alimentary tract of chimpanzees. Lab. Anim. Care, 1966, 16, 497-504.
- 214.12 Soike, K.F., Coulston, F., Day, P., Deibel, R. & Plager, H. Viruses of the alimentary tract of chimpanzees. Exp. molec. Path., 1967, 7, 259-303.
- 214.13 Floch, M.H., Van Noorden, S. & Spiro, H.M. Histochemical localization of gastric and small bowel mucosal enzymes of man, monkey, and chimpanzee. Gastroenterology, 1967, 52, 230-238.

214.14 Hartwell, W.V., Kimbrough, R.D. & Love, G.J. Serum transaminase activities related to pathologic changes of liver in chimpanzees. Amer. J. vet. Res., 1968, 29, 1449-1452.

214.15 Altmann, D. Harnen und Koten bei Säugetieren. Ein Beitrag zur vergleichenden Verhaltensforschung. (Urination and Defecation in Mammals. A contribution to Comparative Behavior Research) Wittenberg; A. Ziemsen Verlag, 1969, 104.

214.16 Saez, H. & Rinjard, J. Levures isolees du tube digestif de mammiferes sauvages, en captivite, a regime alimentaire omnivore. (Yeast isolated from the digestive duct of wild and captive mammals on an omnivorous diet.) Rev. Biol. (Port.), 1969, 7, 13-33.

214.17 Ferney, J. Maladies de l'appareil digestif des singes. (Diseases of the digestive process in monkeys.) Zool. Gart. (Lpz.), 1969, 37, 197-223.

214.18 Berquist, K.R., Murphy, B.L. & Krushak, D.H. Viral flora of gastrointestinal tract of newly imported juvenile chimpanzees. Amer. J. vet. Res., 1970, 31, 1123-1127.

214.19 Lorenz, W., Halbach, S., Gerant, M. & Werle, E. Specific histidine decarboxylases in the gastric mucosa of man and other mammals: Determination, location and properties. Biochem. Pharmacol., 1969, 18, 2625-2637. Abstract: Biol. Abstr., 1970, 51, #47763.

215.00 Metabolism

- 215.1 Wiechowski, W. Ein Beitrag zur Kenntnis des Purinstoffwechsels der Affen. (A contribution to the knowledge of purine metabolism of apes.) Prag. med. Wschr., 1912, 37, 275-276.
- 215.2 Hunter, A., & Ward, F.W. Comparative studies of purine metabolism in various representative mammals. Proc. roy. Soc. Can., 1919, 13, 7-11.
- 215.3 Leger, M. Insolation mortelle chez le chimpanse et alterations morphologiques de son sang. (Mortal sunstroke in the chimpanzee and morphologic alteration in his blood.) C. R. Soc. Biol., 1922, 87, 874-876.
- 215.4 Benedict, F.G. Chimpanzee metabolism. Proc. nat. Acad. Sci., 1936, 22, 394-397.
- 215.5 Benedict, F.G. Vital energetics: a study in comparative basal metabolism. Carnegie Institution of Washington, 1938, 215 pp.
- 215.6 Beigel, K. Ueber den Ascorbinsaeurebedarf des jugendlichen Schimpansen. (The ascorbic acid requirements of the young chimpanzee.) Vitam. u. Horm., 1942, 2, 31-34.
- 215.7 Fish, W.R., & Dorfman, R.I. Metabolism of the steroid hormones. The metabolism of testosterone in the male chimpanzee. Endocrinology, 1944, 35, 22-26.
- 215.8 Horwitt, B.N., Dorfman, R.I., Shipley, R., & Fish, W.R. Metabolism of the steroid hormones. IV. Conversion of desoxycorticosterone to pregnanediol -3(a), 20(a), in man and in the chimpanzee. Jour. Biol. Chem., 1944, 155, 213-218.
- 215.9 Gartler, S.M., Firschein, I.L., & Dobzhansky, T. A chromatographic investigation of urinary amino-acids in the great apes. Amer. J. phys. Anthrop., 1956, 14, 41-57.
- 215.10 Dowling, J.T., Hutchinson, D.R., Hindle, W.H., & Kluman, C.R. Studies of iodine metabolism during normal subhuman, primate and human pregnancy. Excerpts Med., 1960, 26, 66-67.
- 215.11 Fitch, C.D. Influence of dietary fat on the fatty acid composition of monkey erythrocytes. J. Nutrition, 1961, 75, 409-413.
- 215.12 Fooden, J. Urinary amino acids of non-human primates. Zoologica, N.Y., 1961, 16, 167-180.
- 215.13 Gopalan, C., et al. Effect of the mode of feeding of fats on serum cholesterol levels and plasma fibrinolytic activity of monkeys. Amer. J. Clinical Nutrition, 1962, 10, 332-336.

215.14 Portman, O.W. Importance of diet, species, and intestinal flora in bile acid metabolism. Fed. Proc., 1962, 21, 896-902.

215.15 Emerson, G.A., et al. Effects of saturated and unsaturated fats and their mixtures on the lipid metabolism of monkeys. J. Nutrition, 1962, 76, 6-10.

215.16 Layne, D.S., Romanoff, L.P., Forchielli, E., Resnick, O., Kirdani, R.Y., Pincus, G. & Gleason, T.L. The metabolism of hormonal steroids and of epinephrine by immature chimpanzees. Aeromedical Research Laboratory Technical Documentary Report No. 63-25, Holloman AFB, New Mexico, 1963.

215.17 Kirdani, R.Y., Gleason, T.L. & Layne, D.S. The metabolism of aldosterone in the chimpanzee. Gen. comp. Endocr., 1963, 3, 616-620.

215.18 Fitch, C.D. & Dinning, J.S. Vitamin E deficiency in the monkey; estimated requirements and the influence of fat deficiency and antioxidants on the syndrome. J. Nutrition, 1963, 79, 69-78.

215.19 Belcourt, R., Ninane, G., Osterrieth, P.M. & Vastesaeger, M.M. Le metabolisme lipidique du chimpanze (Pan satyrus schweinfurthii). (Lipid metabolism in the chimpanzee.) Acta cardiol. (Brux.), 1964, 19, 531-545.

215.20 Hamlin, L., Smith, C., & Carter, T. A baseline study of the renal functions, body fluid volumes, and electrolyte intake and output in immature chimpanzees. Aeromedical Research Laboratory Technical Documentary Report Number TDR-64-18, Holloman AFB, New Mexico, 1964.

215.21 Meehan, J.P., Henry, J.P. & Fineg, J. Para-amino hippuric acid clearances in the young chimpanzee undergoing psychologic stress. Physiologist, 1964, 7, 204.

215.22 Dale, H.E., Shanklin, M.D., Johnson, H.D. & Brown, W.H. Energy metabolism of the chimpanzee: a comparison of direct and indirect calorimetry. Aeromedical Research Laboratory Documentary Report No. 65-17, Holloman AFB, New Mexico, 1965.

215.23 Bamann, E., Gebler, H. & Lang, R. Enzymchemische Beitrage zur Phylogenie der Lebewesen. (Enzyme Chemistry Contributions to the Phylogeny of Living Beings.) Beitrage zur Biochemie und Physiologie von Naturstoffen, (Contributions to the Biochemistry and Physiology of Natural Materials.) D. Groger, (Ed.) Jena; Gustav Fischer Verlag, 1965, 47-65.

215.24 Bamann, E., Gebler, H., Lang, R. & Schub. B. Das Verteilungsmuster der Esterasestypen von Leber, Lunge und Niere bei Pongiden und Mensch. (X. Mitteil. über Fermentsysteme und ihre Spezifität in Beziehung zur systematischen Ordnung des Tier- und Pflanzenreiches.) (The Distribution Pattern of Esterase Types of Liver, Lungs and Kidneys in Pongids and Man. (10th Communication on Fermentation Systems and Their Specificity in Relation to the Systematic Classification of the Animal and Plant Kingdom.) Hoppe-Seylers Z. physiol. Chem., 1966, 346, 90-96. Abstract: Biol. Abstr., 1967, 48, #120610.

- 215.25 Dale, H.E., Shanklin, M.D., Johnson, H.D. & Brown, W.H. Energy metabolism of the chimpanzee: A comparison of direct and indirect calorimetry. J. appl. Physiol., 1967, 22, 850-853.
- 215.26 Holliday, M.A., Potter, D., Jarrah, A. & Bearg, S. The relation of metabolic rate to body weight and organ size. Pediat. Res., 1967, 1, 185-195.
- 215.27 Melby, E.C., Jr., Murphy, G.P. & Schirmer, H.K.A. Metabolism in ischemic tissue. Cornell Vet., 1968, 58, 344-353.
- 215.28 Huser, H.-J. & Beard, M.E.J. Studies on folate and vitamin B₁₂ metabolism in primates. I. Blood and bone marrow morphology, folate and vitamin B₁₂ levels. Folia primat., 1969, 10, 172-180.
- 215.29 Seibold, H.R. Ketosis in subhuman primates. Lab. Anim. Care, 1969, 19, 826-830.
- 215.30 Dale, H.E., Shanklin, M.D., Johnson, H.D., & Brown, W.H. Energy metabolism of the chimpanzee. In The chimpanzee. Vol. 2. Physiology, behavior, serology, and diseases of chimpanzees. G. H. Bourne (Ed.), Baltimore: University Park Press, 1970.
- 215.31 Gagnon, J.A. Renal function in the chimpanzee. In The chimpanzee. Vol. 2. Physiology, behavior, serology, and diseases of chimpanzees. G. H. Bourne (Ed.), Baltimore: University Park Press, 1970.
- 215.32 Dorfman, R.I. Steroid Hormones in the chimpanzee. In G. H. Bourne (Ed.), The Chimpanzee, vol. 3, Baltimore: University Park Press, 1970. Pp. 167-182.
- 215.33 Fanelli, G.M., Bohn, D.L. & Russo, H.F. Renal clearance of uric acid in nonhuman primates. Cmp. Biochem. Physiol., 1970, 33, 459-464.
- 215.34 Beard, M.E.J. & Huser, H.-J. Studies on folate and vitamin B₁₂ metabolism in primates. II. Vitamin B₁₂ binding proteins. Folia primat., 1970, 12, 305-312.
- 215.35 Fanelli, G.M., Jr., Bohn, D.L. & Reilly, S.S. Renal urate transport in the chimpanzee. Amer. J. physiol., 1971, 220, 613-620.
- 215.36 Watkins, S.P., Jr., Binley, H. & Shulman, N.R. Alkaptonuria in a chimpanzee. Pp. 297-298 in Medical primatology 1970, E. I. Goldsmith & J. Moor-Jankowski, (Eds.), Basel; S. Karger, 1971.
- 215.37 McNew, J.J., Sabbot, I.M., Hoshizaki, T., Mandell, A.J., Spooner, C.E., Marcus, I. & Adey, W.R. Urinary excretion values in 2-day food-deprived, unrestrained chimpanzees. Amer. J. Physiol., 1972, 22, 640-644.

215.38 Fanelli, G.M., Jr., Bohn, D.L., Reilly, S.S. & Baer, J.E. Renal excretion and uricosuric properties of halofenate, a hypolipidemic uricosic agent, in the chimpanzee. J. Pharmacol. exp. Ther., 1972, 180, 377-396.

216.00 Cardiovascular
(Anatomy and Physiology)

216.1 Helwig, F.C., & Schmidt, E.C.G. A filter-passing agent producing interstitial myocarditis in anthropoid apes and small animals. Science, 1945, 102, 31-33.

216.2 Hackel, D.B., Kinney, T.D., & Wendt, W. Pathologic lesions in captive wild animals. I. Interatrial septal defect in a chimpanzee. Lab. Invest., 1953, 2, 154-163.

216.3 Ratcliffe, H.L., & Cronin, M.T.I. Changing frequency of arteriosclerosis in mammals and birds at the Philadelphia Zoological Garden. Circulation, 1958, 18, 41-52.

216.4 Marit, C. Un cas de lesions articulaires multiples chez le chimpanze. (A case of multiple articular lesions in the chimpanzee.) Publ. Univ. Elisabethville, 1961, 1, 211-216.

216.5 Appleby, E.C. & Fraser, G. Six fatal cases of nonspecific pericarditis in the chimpanzee. J. Pathol. and Bact., 1962, 84, 245-248.

216.6 Vastesaeger, M.M., Vercruyse, J. & Delcourt, R. Tendance spécifique à l'atherosclérose et lipides alimentaires chez les animaux sauvages. (Specific tendency toward atherosclerosis and alimentary lipids among wild animals.) Bull. Soc. roy. Zool. Anvers, 1963, 27, 3-32, 3 pls.

216.7 Stehbens, W.E. Cerebral aneurysms of animals other than man. J. Path. Bact., 1963, 86, 161-168.

216.8 Adams, C.W.M. Arteriosclerosis in man, other mammals and birds. Biol. Rev., 1964, 39, 372-423.

216.9 Vastesaeger, M.M. & Delcourt, R. Aetiological considerations on spontaneous atherogenesis. Bull. Soc. roy. Zool. Anvers., 1964, 34, 67-77.

216.10 Strong, J.P. Arterial lesions in primates. In Roberts, J.C., & Straus, R. (Eds.), Comparative atherosclerosis: The morphology of spontaneous and induced atherosclerotic lesions in animals and its relation to human disease, New York: Harper and Row, 1965.

216.11 Roberts, J.C. & Straus, R. (Eds.). Comparative atherosclerosis: The morphology of spontaneous and induced atherosclerotic lesions in animals and its relation to human disease. New York: Harper and Row, 1965.

216.12 Vastesaeger, M.M. Coronary arterial lesions in exotic vertebrates. Ann. N. Y. Acad. Sci., 1965, 127, 709-714.

- 216.13 Clarkson, T.B. Spontaneous atherosclerosis in subhuman primates. In Roberts, J.C. & Straus, R. (Eds.), Comparative atherosclerosis: the morphology of spontaneous and induced atherosclerotic lesions in animals and its relation to human disease, New York: Harper & Row, 1965.
- 216.14 Vastesaeger, M. & Delcourt, R. Some aspects of spontaneous and experimental cardiovascular disease in Old World monkeys and Pongidae. Symp. zool. Soc. Lond., 1966, 17, 179-194.
- 216.15 Sandler, M. & Bourne, G.H. Histochemistry of the development of atherosclerosis. Ann. N.Y. Acad. Sci., 1968, 149, 666-672.
- 216.16 Strong, J.P., Eggen, D.A., Newman, W.P., III & Martinez, R.D. Naturally occurring and experimental atherosclerosis in primates. Ann. N.Y. Acad. Sci., 1968, 149, 882-894.
- 216.17 Stout, C. & Lemmon, W.B. Predominant coronary and cerebral atherosclerosis in captive nonhuman primates. Exp. molec. Path., 1969, 10, 312-322.
- 216.18 Gresham, G.A. & Howard, A.N. Cardiovascular diseases. Primates in Med., 1969, 3, 1-8.
- 216.19 Stout, C. Atherosclerosis in great apes. Pp. 177-183 in Proceedings of the second international congress of primatology, vol. 3, H.O. Hofer, (Ed.), Basel; S. Karger, 1969.
- 216.20 Clarkson, T.B., Prichard, R.W., Bullock, B.C., Lehner, N.D.M., Lofland, H.B. & St. Clair, R.W. Animal models of atherosclerosis. Pp. 221-41 in Animal models for biomedical research III. Proceedings of a symposium, Institute of Laboratory Animal Resources and American College of Laboratory Animal Medicine. Washington, D.C.; National Academy of Sciences, 1970.
- 216.21 Douglas, J.D., Schmidt, R.E. & Prine, J.R. Vegetative endocarditis in a chimpanzee. J. Amer. vet. med. Ass., 1970, 157, 736-741.
- 216.22 Clarkson, T.B. Animal models for atherosclerosis. N.C. med. J., 1971, 32, 88-96.
- 216.23 Stout, C. & Lemmon, W.B. Hypertensive-like vascular lesions in a chimpanzee. Exp. molec. Path., 1971, 14, 151-157.

217.00 Cardiovascular
(Disease)

- 217.1 Kenk, R., & Nall, M.L. Physiology of the circulation of the brain, and annotated bibliography, 1938-1948. Physiol. Rev., 1952, Suppl. 1, 1-437.
- 217.2 Szostakiewicz-Sawicka, H. Les portions finales de veines pulmonaires chez les prosimiens et les singes. (The final portion of the pulmonary veins in posimians and apes.) Acta. biol. Med. Gdansk, 1960, 4, 1-12.
- 217.3 Weissler, A.M., Fineg, J., & Warren, J.V. Physiological baseline studies of zoological specimens. The electrocardiogram of the young chimpanzee. Air Force Missile Development Center Technical Report 61-29, Holloman AFB, New Mexico, 1961
- 217.4 Weissler, A.M., Schcenfeld, C.D., Carter, V.L., Cohen, S., Stilson, A.E., Jr., & Warren, J.V. The effects of psychomotor arousal, hemorrhage, and the upright posture on the circulation of the young chimpanzee. Aeromedical Research Laboratory Technical Documentary Report No. 63-28, Holloman Air Force Base, New Mexico, 1963.
- 217.5 Parratt, J.R. A comparison of the effects of the plasma kinins, bradykinin and kallidin, on myocardial blood flow and metabolism. Brit. J. Pharmacol., 1964, 22, 34-46. Abstract: Biol. Abstr., 1964, 45, #100580.
- 217.6 Schoenfeld, C.D., Weissler, A.M., Carter, V.L. & Cohen, S. Predominance of the sympathetic nervous system in circulatory control of the young chimpanzee. Circulation, 1964, 30, 154.
- 217.7 Schoenfeld, C.D., Weissler, A.M., Carter, V.L., Cohen, S. & Warren, J.V. Cardiovascular function in the young chimpanzee. Fed. Proc., 1964, 23, 463.
- 217.8 Vastesaege, M.M., Delcourt, R. L'atherosclerose experimentale du chimpanze. Recherches preliminaires. (Experimental atherosclerosis in the chimpanzee. Preliminary research.) Acta cardiol. Brux. 1965, (suppl. 11), 283-297.
- 217.9 Grauwiler, J. Herz und Kreislauf der Saugetiere. (Heart and circulation in mammals.) Experientia (Basel), 1965, Suppl. 10, 1-192.
- 217.10 Riopelle, A.J. Experimental atherosclerosis in chimpanzees. In Andrus, S.C., and Portman, O.W. Progress in biochemical pharmacology. Basel; S. Karger, 1965.
- 217.11 Schoenfeld, C.D., Weissler, A.M., Carter, V.L., & Warren, J.V. The effects of ganglionic and adrenergic blockade on the circulation of the young chimpanzee. Aeromedical Research Laboratory Technical Documentary Report 66-7, Holloman AFB, New Mexico, 1966.

- 217.12 Franklin, D.L. & Van Citters, R.L. Blood flow in mesenteric artery of chimpanzee, monitored via radio telemetry. Aerospace Med., 1967, 38, 926-931.
- 217.13 Van Citters, R.L. Blood pressure-flow studies in free-ranging primates and other animals. Biomed. Sci. Instrum., 1968, 4, xvii-xxvii.
- 217.14 Ducker, T.B., Simmons, R.L., Anderson, R.W. & Kempe, L.G. Hemodynamic cardiovascular response to raised intracranial pressure. Med. Ann. D.C., 1968, 37, 523-526.
- 217.15 Stout, C. Atherosclerosis in captive subhuman primates: Findings in sixty-two individuals, twenty-five species. Pp. 494-504 in Use of non-human primates in drug evaluation, H. Vagtborg, (Ed.), Austin; Texas, University of Texas Press, 1968.
- 217.16 Paratt, J.R. The effects of histamine on the myocardial circulation. Europ. J. Pharmacol., 1969, 6, 203-208.
- 217.17 Von Lichtenberg, F. Portal hypertension and schistosomiasis. Ann. N.Y. Acad. Sci., 1970, 170, 100-114.
- 217.18 Coulam, C.M., Dunnette, W.H. & Wood, E.H. A computer-controlled scintiscanning system and associated computer graphic techniques for study of regional distribution of blood flow. Comput. biomed. Res., 1970, 3, 249-273.
- 217.19 Wood, E.H., Coulam, C.M., Dunnette, W.H., Greenleaf, J.F., Nathan, D., Ritman, E.L. & Sass, D.J. Scintiscanning system for study of regional distribution of blood flow. U.S. Air Force Sch. Aerospace Med. Tech. Rep. No. SAM-TR-70-6, Brooks Air Force Base, Texas, 1970, viii, 197 pp.
- 217.20 Fiennes, R.N. Primate studies in Britain, with a note on the functional anatomy of the vena cava in relation to hypotensive states. Pp. 970-975 in Medical primatology 1970, E.I. Goldsmith & J. Moor-Jankowski, (Eds.), Basel; S. Karger, 1971.

218.00 Musculoskeletal System

218.1 Bauman, J.E. The strength of the chimpanzee and orang. Sci. Mon., New York, 1923, 16, 432-439.

218.2 Bauman, J.E. Observations on the strength of the chimpanzee and its implications. J. Mammalogy, 1926, 7, 1-9.

218.3 Bergtold, W.H. Strength of chimpanzees. J. Mammalogy, 1926, 7, 131-132.

218.4 Finch, G. The bodily strength of chimpanzees. J. Mammalogy, 1943, 24, 224-228.

218.5 Edwards, W.E. The study of monkey, ape and human morphology and physiology relating to strength and endurance. Phase I, the relationships of human size to strength. Aeromedical Research Laboratory Technical Documentary Report 63-19, Holloman AFB, New Mexico, 1963.

218.6 Edwards, W.E. Study of monkey, ape and human morphology and physiology relating to strength and endurance. Phase II, factors in the posture and grasping strength of monkeys, apes and man. Aeromedical Research Laboratory Technical Documentary Report 63-21, Holloman AFB, New Mexico, 1963.

218.7 Edwards, W.E. Study of monkey, ape and human morphology and physiology relating to strength and endurance. Phase III, the testing of chimpanzee strength prior to 1961. Aeromedical Research Laboratory Technical Documentary Report 63-22, Holloman AFB, New Mexico, 1963.

218.8 Edwards, W.E. Factors in the superiority of chimpanzee over human strength. Aeromedical Research Laboratory Technical Report No. 65-10, Holloman AFB, New Mexico, 1965.

218.9 Edwards, W.E. Study of monkey, ape, and human morphology and physiology relating to strength and endurance. Phase VIII. Factors in the superiority of chimpanzee over human strength. Aeromedical Research Laboratory Technical Report Number ARL-TR-65-10, Holloman AFB, New Mexico, 1965.

218.10 Edwards, W.E. & Clarke, T.E. The strength testing of five chimpanzee and seven human subjects. Aeromedical Research Laboratory Technical Report No. 65-15, Holloman AFB, New Mexico, 1965.

218.11 Meyer zum Gottesberge, A. Eine funktionelle Studie über die Pneumatisation des Schläfenbeins. (A functional study of the pneumatization of the temporal bones.) Acta oto-laryng. (Stock.), 1968, 65, 216-223.

218.12 Golarz de Bourne, M.N. & Bourne, G.H. Naturally occurring muscle pathology in non-human primates. Pp. 148-154 in Proceedings of the second international congress of primatology, vol. 3, H.O. Hofer, (Ed.), Basel; S. Karger, 1969.

218.13 Sarrafian, S.K., Kazarian, L.E., Topouzian, L.E., Sarrafian, V.K., & Siegelman, A. Strain variation in the components of the extensor apparatus of the finger during flexion and extension. A biomechanical study. J. Bone Jt. Surg., 1970, 52, 980-990.

218.14 Stern, J.T., Jr. Functional myology of the hip and thigh of cebid monkeys and its implications for the evolution of erect posture. Bibl. primat. (Basel); 1971, 14, iii-x, 1-318.

219.00 Nervous System
(General)

- 219.1 Kennard, M.A. Relation of age to motor impairment in man and in sub-human primates. Arch. Neurol. Psychiat., 1940, 44, 377-397.
- 219.2 Shirkova, G.I. [On the physiological character of the formation of heterogeneous chain reflexes in monkeys.] Zh. vyssh. nerv. Deyat. Pavlova, 1963, 13, 73-80.
- 219.3 Bodian, D. A suggestive relationship of nerve cell RNA with specific synaptic sites. Proc. Nat. Acad. Sci. (Wash.), 1965, 53, 418-425.
- 219.4 Hodson, H.H., Jr., Wisecup, W.G., Faulkner, M.F. & Felts, P.E. Baseline blood values of the chimpanzee. II. The relationship of age and sex and serum chemistry values. Folia primat., 1968, 8, 77-86.
- 219.5 Ducker, T.B. & Hayes, G.J. Irradiated-Wallerian degenerated homographs in dogs and chimpanzees. Surg. Forum, 1968, 19, 444-445.
- 219.6 Buxton, D.F., Reite, M.L. & Jackson, W.J. Some research techniques applicable to study of the chimpanzee nervous system. Primates in Med., 1969, 4, 52-61.
- 219.7 Derwelis, S.K., Butler, T.M., & Fineg, J. Baseline values of cerebrospinal fluid from the chimpanzee (Pan troglodytes). Laboratory Animal Care, 1970, 20, 107-108.
- 219.8 Paoletti, R., Fumagalli, R., Paoletti, E.G. & Paoletti, P. Investigations on the physiology, physiopathology and pharmacology of cerebrospinal fluid in primates. Tech. Rep. No. AFOSR-TR-71-1953, Milan University Institute of Pharmacology, Milan, Italy, 1970, 46 pp. (National Technical Information Service No. AD-726-671).

220.00 Nervous System
(Central)

- 220.1 Grunbaum, A.S.F., & Sherrington, C.S. Observations on the physiology of the cerebral cortex of some of the higher apes. Proc. roy. Soc., 1901, 69, 206-208.
- 220.2 Grunbaum, A.S.F., & Sherrington, C.S. Observations on the physiology of the cerebral cortex of anthropoid apes. Proc. Roy. Soc., 1903, 72, 152-155.
- 220.3 Mott, F.W. The physiological significance of the convolutional pattern in primates. Brit. med. J., 1906, 1801-1804.
- 220.4 Holmes, G., & May, W.P. On the exact origin of the pyramidal tracts in man and other animals. Brain, 1909, 32, 1-43.
- 220.5 Brown, T.G., & Sherrington, C.S. On the instability of a cortical point. Proc. roy. Soc., 1912, 85, 250-277.
- 220.6 Brown, T.G. Note on the physiology of the basal ganglia and mid-brain of the anthropoid ape, especially in reference to the act of laughter. J. Physiol., 1915, 49, 195-207.
- 220.7 Brown, T.G. On the effect of artificial stimulation of the red nucleus in the anthropoid ape. J. Physiol., 1915, 49, 185-194.
- 220.8 Brown, T.G. Studies in the physiology of the nervous system. XXII. On the phenomenon of facilitation. 1: Its occurrence in reactions induced by stimulation of the "motor" cortex of the cerebrum in monkeys. Quart. J. exp. Physiol., 1915, 9, 101-116.
- 220.9 Brown, T.G. Studies in the physiology of the nervous system. XXVII. On the phenomenon of facilitation. 6: The motor activation of parts of the cerebral cortex other than those included in the so-called "motor" areas in monkeys, etc. Quart. J. exp. Physiol., 1916, 10, 103-143.
- 220.10 Leyton, A.S.F., & Sherrington, C.S. Observations on the excit-able cortex of the chimpanzee, orangutan, and gorilla. Quart. J. exp. Physiol., 1917, 11, 135-222.
- 220.11 Lashley, K.S. Studies of cerebral function in learning. V. The retention of motor habits after destruction of the so-called motor areas in primates. Arch. Neurol. Psychiat., 1924, 12, 249-276.
- 220.12 Penfield, W. Intracerebral vascular nerves. Arch. Neurol. Psychiat., Chicago, 1932, 27, 30-44.

- 220.13 Fulton, J.F., & Kennard, M.A. A study of flaccid and spastic paralyses produced by lesions of the cerebral cortex in primates. Res. Publ. Ass. nerv. ment. Dis., 1932, 13, 158-210.
- 220.14 Bucy, P.C. Electrical excitability and cytoarchitecture of the premotor cortex in monkeys. Arch. Neurol. Psychiat., 1933, 30, 1205-1225.
- 220.15 Schick, W. Reflex changes after injury to the pyramidal tract in the macaque, gibbon and chimpanzee. Arch. Neurol. Psychiat., 1933, 30, 501-513.
- 220.16 Bucy, P.C., & Fulton, J.F. Ipsilateral representation in the motor and premotor cortex in monkeys. Brain, 1933, 56, 318-342.
- 220.17 Kennard, M.A., & Fulton, J.F. The localizing significance of spasticity, reflex grasping, and the signs of Babinski and Rossolimo. Brain, 1933, 56, 213-225.
- 220.18 Jacobsen, C.F. Influence of motor and premotor areas lesions upon the retention of skilled movements in monkeys and chimpanzees. Res. Publ. Ass. nerv. ment. Dis., 1933, 13, 225-247.
- 220.19 Fulton, J.F. Paralyses of cortical origin. A physiological analysis of flaccid and spastic states in monkeys and chimpanzees. Proc. Calif. Acad. Med., 1933-1934, 1-20.
- 220.20 Fulton, J.F. Forced grasping and groping in relation to the syndrome of the premotor area. Arch. Neurol. Psychiat., 1934, 31, 221-235.
- 220.21 Fulton, J.F. Some functions of the cerebral cortex. Beaumont Foundation Lectures. I. Autonomic representation in the cerebral cortex. J. Mich. med. Soc., 1934, 33, 175-182.
- 220.22 Fulton, J.F. Some functions of the cerebral cortex. Beaumont Foundation Lectures. II. The frontal lobes. J. Mich. med. Soc., 1934, 33, 235-243.
- 220.23 Bucy, P.C. The relation of the premotor cortex to motor activity. J. nerv. ment. Dis., 1934, 79, 621-630.
- 220.24 Jacobsen, C.F., & Wolfe, J.B. An experimental analysis of frontal lobe function in monkeys and chimpanzees. Psychol. Bull., 1934, 31, 692.
- 220.25 Kennard, M.A. Vasomotor representation in the cerebral cortex. Science, 1934, 79, 348-349.
- 220.26 Galperin, S.I. Ueber die Erscheinungen der Nachhemmung in der Grosshirnrinde der menschenaehnlichen Affen. (The phenomena of proactive inhibition in the cerebral cortex of anthropoid apes. Z. ges. exp. Med., 1934, 93, 289-295.

- 220.27 Fulton, J.F., & Jacobsen, C.F. The functions of the frontal lobes, a comparative study in monkeys, chimpanzees and man. Advances modern Biol., Moscow, 1935, 4, 113-123.
- 220.28 Jacobsen, C.F. Functions of frontal association area in primates. Arch. Neurol. Psychiat., 1935, 33, 558-569.
- 220.29 Jacobsen, C.F., & Wolfe, J.B., & Jackson, T.A. An experimental analysis of the functions of the frontal association areas in primates. J. nerv. ment. Dis., 1935, 82, 1-14.
- 220.30 Hoff, E.C., & Green, H.D. Cardiovascular reactions induced by electrical stimulation of the cerebral cortex. Amer. J. Physiol., 1936, 79, 411-422.
- 220.31 Fulton, J.F., & McCouch, G.P. The relation of the motor area of primates to the hyporeflexia (spinal shock) of spinal transection. J. nerv. ment. Dis., 1937, 86, 125-146.
- 220.32 Fulton, J.F., & Dow, R.S. The cerebellum: a summary of functional localization. Yale J. Biol. Med., 1937, 10, 89-119.
- 220.33 Ruch, T.C., Fulton, J.F., & German, W.J. Sensory discrimination in monkey, chimpanzee and man after lesions of the parietal lobe. Arch. Neurol. Psychiat., 1938, 39, 919-937.
- 220.34 Walker, A.E., & Green, H.D. Electrical excitability of the motor face area: a comparative study in primates. J. Neurophysiol., 1938, 1, 152-165.
- 220.35 Fulton, J.F. The interrelation of cerebrum and cerebellum in the regulation of somatic and autonomic functions. Medicine, 1936, 15, 247-306.
- 220.36 Fulton, J.F. Somatic and autonomic motor functions of the cerebral cortex in ape and man. (Ludwig Hektoen Lecture.) Proc. Inst. Med. Chicago, 1936, 11, 21-42.
- 220.37 Fulton, J.F. Spasticity and the frontal lobes. New Engl. J. Med., 1937, 217, 1017-1024.
- 220.38 Ruch, T.C., Kasdon, S., & Fulton, J.F. Late recovery of sensory discrimination ability after parietal lesions in the chimpanzee. Amer. J. Physiol., 1940, 129, 453.
- 220.39 Hines, M. Movements elicited from precentral gyrus of adult chimpanzees by stimulation with sine wave currents. J. Neurophysiol., 1940, 3, 441-466.

- 220.40 Fulton, J.F. Experimental studies of the functions of the frontal lobes in monkeys, chimpanzees, and man. Science in Progress, Second series, 1940, 55-77.
- 220.41 Bailey, P., Garol, H.W., & McCulloch, W.S. Functional organization and interrelation of cerebral hemisphere in chimpanzee. Amer. J. Physiol., 1941, 133, 200.
- 220.42 Kennard, M.A., Spencer, S., & Fountain, G., Jr. Hyperactivity in monkeys following lesions of the frontal lobes. J. Neurophysiol., 1941, 4, 512-524.
- 220.43 Kennard, M.A., & Fulton, J.F. Corticostriatal interrelations in monkey and chimpanzee. Res. Publ. Ass. nerv. ment. Dis., 1941, 21, 228-245.
- 220.44 von Bonin, G., Garol, H.W., & McCulloch, W.S. The functional organization of the occipital lobe. Biol. Symp., 1942, 7, 165-192.
- 220.45 Gonda, V.E. Experimental lesions of the pyramidal tracts in primates, accompanied by a new reflex. J. Neuropath., 1942, 1, 344-347.
- 220.46 Sjoqvist, O., & Weinstein, E.A. The effect of section of the medial lemniscus on proprioceptive functions in chimpanzees and monkeys. J. Neurophysiol., 1942, 5, 69-74.
- 220.47 Enterline, J.D. Somatic motor functions of area 6A of the Vogts (the premotor area) in the monkey, chimpanzee, and man. Thesis, Harvard Med. School, 1943, 27 pp.
- 220.48 Kennard, M.A., & McCulloch, W.S. Functional organization of frontal pole in monkey and chimpanzee. J. Neurophysiol., 1944, 7, 37-40.
- 220.49 Garol, H.W., & McCulloch, W.S. Physiological neuronography of some cortico-subcortical connections in the chimpanzee. J. Neurophysiol., 1944, 7, 199-204.
- 220.50 Kennard, M.A. Somatic functions; In: P. C. Bucy (Ed.), The precentral motor cortex. Illinois monogr. in the medical sciences, Urbana, 1944, 243-276.
- 220.51 Livingston, R.B., Fulton, J.F., Delgado, J.M.R., Sachs, E., Jr., Brendler, S.J., & Davis, G.D. Stimulation and regional ablation of the orbital surface of the frontal lobe. Res. Publ. Ass. nerv. ment. Dis., 1947, 27, 405-420.
- 220.52 Denny-Brown, D., & Botterell, E.H. The motor functions of the agranular frontal cortex. Res. Publ. Ass. nerv. ment. Dis., 1947, 27, 235-345.

- 220.53 Magoun, H.W., & Rhines, R. Spasticity - the stretch reflex and extrapyramidal systems. Springfield, Ill., Chas. C. Thomas, 1947, 59 pp.
- 220.54 Blum, R.H. The effect of bilateral removal of the pre-frontal granular cortex on delayed response performance and emotionality in chimpanzees. Amer. Psychologist, 1948, 3, 237-238.
- 220.55 Crawford, M.P., Fulton, J.F., Jacobsen, C.F., & Wolfe, J.B. Frontal lobe ablation in chimpanzee: A resume of "Becky" and "Lucy". Res. Publ. Ass. nerv. ment. Dis., 1948, 27, 3-58.
- 220.56 Fulton, J.F. Functional localization in the frontal lobes and cerebellum. Wm. Withering Memorial Lectures delivered at Birmingham Medical School, 1948. Oxford, Clarendon Press, 1949, 140 pp.
- 220.57 Magoun, H.W. Regional physiology of the central nervous system. Prog. Neurol. Psychiat., 1949, 4, 53-66.
- 220.58 Denny-Brown, D. The frontal lobes and their functions. Chapt. 2, In: Modern trends in neurology, Anthony Feiling, Ed., London; Butterworth, 1951.
- 220.59 Nissen, H.W. Sensory patterning versus central organization. J. Psychol., 1953, 36, 271-287.
- 220.60 Fulton, J.F. The limbic system: a study of the visceral brain in primates and man. Yale J. Biol. Med., 1953, 26, 107-118.
- 220.61 Baldwin, M., Frost, L.L., Wood, C.D., & Lewis, S.A. Effect on hypothermia on epileptiform activity in the primate temporal lobe. Science, 1956, 124, 931-932.
- 220.62 Baldwin, M., Lewis, S.A. & Frost, L.L. Perceptual interference after cerebral ablation. Percept. Mot. Skills, 1957, 7, 45-48.
- 220.63 Delattre, A., & Fenart, R. Essai de systematisation du pariétal. Son utilisation au cours de l'étude de sa croissance. (Essay on the systematization of the parietal lobe; its use during the study of its growth.) Bull. Soc. Anthropol., 1958, 9, 245-295.
- 220.64 Hirsch, J.F., et al. Responses électriques corticales à des stimulations somesthésique, visuelle et auditive sur le cortex d'un chimpanzé. (Cortical electrical reaction to somesthesia, visual, and auditory stimulation in the cortex of a chimpanzee.) Presse Med., 1960, 68, 609-611.
- 220.65 Bowden, R.E.M., Mahran, Z.Y., & Gooding, M.R. Communications between the facial and trigeminal nerves in certain mammals. Proc. zool. Soc. Lond., 1960, 135, 587-611

- 220.66 Rosvold, H.E., Szwarcbart, M.K., Mirsky, A.F., & Mishkin, M. The effect of frontal-lobe damage on delayed-response performance in chimpanzees. J. Comp. Phys. Psy., 1961, 54, 368-374.
- 220.67 Baldwin, M., Ommaya, A.K., Farrier, R., & MacDonald, F. Mesial cerebral incision. J. Neurosurg., 1963, 20, 679-686.
- 220.68 Adey, W.R., Kado, R.T., & Rhodes, J.M. Sleep: Cortical and subcortical recordings in the chimpanzee. Science, 1963, 141, 932-933.
- 220.69 Rhodes, J.M. Cortical-subcortical relationships in the chimpanzee during different phases of sleep. Electroenceph. clin. Neurophysiol., 1964, 17, 449.
- 220.70 Thines, G. Les anomalies du comportement consecutives a des lesions cerebrales. (Behavioral anomalies following cerebral lesions.) In Brion, A., & Ey, H. (Eds.), Psychiatric animale, Paris: Desclee de Brouwer, 1964.
- 220.71 Black, P. & Myers, R.E. Visual function of the forebrain commissures in the chimpanzee. Science, 1964, 146, 799-800.
- 220.72 Rickles, W.H. A study of EEG and somatovisceral physiology of the immature chimpanzee during sleep. Aeromedical Research Laboratory Technological Report No. 65-19, Holloman AFB, New Mexico, 1965.
- 220.73 Hamlin, R.L. & Smith, C. R. Categorization of common domestic mammals based upon their ventricular activation process. Ann. N. Y. Acad. Sci., 1965, 127, 195-203.
- 220.74 Messimy, R. Physiopathologie des lobes cingules. (Physiopathology of the cingulate lobes.) Path. et Biol., 1965, 13, 676-688.
- 220.75 Brutkowksi, S. Functions of prefrontal cortex in animals. Physiol. Rev., 1965, 45, 721-746.
- 220.76 Syner, F.N. & Goodman, M. Differences in the lactic dehydrogenases of primate brains. Nature (Lond.), 1966, 209, 426-428.
- 220.77 Nauta, W.J.H. A summary of projections from the lentiform nucleus in the monkey. J. Neurosurg., 1968, 24 (Suppl.), 196-199.
- 220.78 Hanley, J., Walter, D.O., Rhodes, J.M. & Adey, W.R. Chimpanzee performance: Computer analysis of electroencephalograms. Nature (Lond.), 1968, 220, 879-881.
- 220.79 Mosidze, V.M., Rizhinashvili, R.S. & Akbariya, K.K. [Present state of the problems of interhemispheric relations. Pp. 251-262 in (Present status of activity and structure of the central nervous system). Tbilisi, Metsniereba, 1968.]

- 220.80 Delgado, J.M.R., Bradley, R.J., Johnston, V.S., Weiss, G. & Wallace, J.D. Implantation of multilead electrode assemblies and radio stimulation of the brain in chimpanzees. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-69-2, Holloman AFB, New Mexico, 1969, iii, 19 pp. (Dept. Commerce Clearinghouse #AD-684 154.)
- 220.81 Bert, J., Kripke, D.F. & Rhodes, J.M. Phylogenetic position of the sleep electroencephalogram of the chimpanzee. P. 33 in 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-69-5, Holloman AFB, New Mexico, 1969.
- 220.82 Rhodes, J.M., (Ed.). Primate electrophysiology, particularly related to sleep. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-69-5, Holloman AFB, New Mexico, 1969, v, 74 pp.
- 220.83 Rhodes, J.M., Liebeskind, J.C., Novin, D., Gardner, E., Derome, P. & Albe-Fessard, D. A preliminary report on single-unit responses in the thalamus and cortex of the chimpanzee under sedation. Ann. N. Y. Acad. Sci., 1969, 162, 673-680.
- 220.84 Freemon, F.R., McNew, J.J. & Adey, W.R. Sleep of unrestrained chimpanzee: Cortical and subcortical recordings. Exp. Neurol., 1969, 25, 129-137.
- 220.85 Jackson, W.J., Reite, M.L. & Buxton, D.F. The chimpanzee central nervous system: A comparative review. Primates in Med., 1969, 4, 1-51.
- 220.86 Bert, J., Kripke, D.F. & Rhodes, J.M. Electroencephalogram of the mature chimpanzee: Twenty-four hour recordings. Electroenceph. clin. Neurophysiol., 1970, 28, 368-373.
- 220.87 Soriano, V. Contribution of John F. Fulton to the study of cerebellar function. Int. J. Neurol. (Montevideo), 1970, 7, 108-112.
- 220.88 Myers, R.E. The corpus callosum and its functions: Animal experimental work. Pan Amer. Congr. Neurol., 1970, 2, 234-242.

221.00 Nervous System
(Peripheral)

- 221.1 Rudolf, G. de M. The phylogenetic significance of the plantar response in man. J. Neurol. Psychopath., 1922, 337-352.
- 221.2 Aronovitch, G.D. Reflexes in apes. J. nerv. and ment. Dis., 1927, 65, 457.
- 221.3 Kline, D.G. & Hayes, G.J. The use of a resorbable wrapper for peripheral-nerve repair. Experimental studies in chimpanzees. J. Neurosurg., 1964, 21, 737-750.
- 221.4 Lehman, R.A. & Hayes, G.J. Degeneration and regeneration in peripheral nerve. Brain, 1967, 90, 285-296, pls. 39-42.
- 221.5 Machida, H., Giacometti, L. & Allegra, F. The cholinesterase-positive papillary nerve end-organ in the skin of subhuman primates. J. invest. Derm., 1967, 48, 337-341.
- 221.6 Ducker, T.B. & Hayes, G.J. A comparative study of the technique of nerve repair. Surg. Forum, 1967, 18, 443-445.
- 221.7 Ducker, T.B. & Hayes, G.J. Peripheral nerve injuries: A comparative study of anatomical and functional results following primary nerve repair in chimpanzees. Milit. Med., 1968, 133, 298-302.
- 221.8 Olsson, Y. Studies on vascular permeability in peripheral nerves. IV. Distribution of intravenously injected protein tracers in the peripheral nervous system of various species. Acta neuropath. (Berl.), 1971, 17, 114-126.

222.00 Nervous System
(Autonomic)

- 222.1 Wall, P.D., & Davis, G.D. Three cerebral cortical systems affecting autonomic function. J. Neurophysiol., 1951, 14, 507-517.
- 222.2 Firsov, I.A. A comparison of certain autonomic functions in the chimpanzee. Doklady Acad. Nauk SSSR (Biol. Sci. Sect. Transl.) 1962, 141, 1100-1102. Trans. from Doklady Akad. Nauk SSSR, 1961, 141, 1522-1524.
- 222.3 Ebbesson, S.O.E. Quantitative studies of superior cervical sympathetic ganglia in a variety of primates including man. I. The ratio of preganglionic fibers to ganglionic neurons. J. Morph., 1968, 124, 117-131. Abstract: Biol. Abstr., 1968, 49, #77692.
- 222.4 Ebbesson, S.O.E. Quantitative studies of superior cervical sympathetic ganglia in a variety of primates including man. II. Neuronal packing density. J. Morph., 1968, 124, 181-185. Abstract: Biol. Abstr., 1968, 49, #92480. Excerpta med. (Amst.), 1968, 22, (Sect. I), #5026.

223.00 Nervous System
(Special Senses)

- 223.1 Mott, F. W. The progressive evolution of the structure and functions of the visual cortex in mammalia. Arch. Neurol. Psychiat., London, 1907, 3, 1-49.
- 223.2 Mahoney, W., & Sheehan, D. Experimental ptosis in primates. Arch. Neurol. Psychiat., 1936, 35, 99-107.
- 223.3 Dow, R. S. The effects of unilateral and bilateral labyrinthectomy in monkey, baboon and chimpanzee. Amer. J. Physiol., 1938, 121, 392-399.
- 223.4 Bender, M. B., & Fulton, J. F. Functional recovery in the ocular muscles of a chimpanzee after section of oculomotor nerves. J. Neurophysiol., 1938, 1, 144-151.
- 223.5 Cooper, S., Daniel, P. M., & Whitteridge, D. Muscle spindles and other sensory endings in the extrinsic eye muscles; the physiology and anatomy of these receptors and of their connections with the brain stem. Brain, 1955, 78, 564-583.
- 223.6 Chow, K. L., Nissen, H. W., & Newell, A. Degeneration of retinal ganglion cells in infant chimpanzees reared in darkness. J. comp. Neurol., 1957, 107, 27-40.
- 223.7 Porter, R. W. & Rioch, D. M. Visual impairment induced by lesions of the midbrain in the chimpanzee. Anat. Rec., 1962, 142, 321.
- 223.8 Van Buren, J. M. The retinal ganglion cell layer. A physiologically-anatomical correlation in man and primates of the normal topographical anatomy of the retinal ganglion cell layer and its alterations with lesions of the visual pathways. Springfield, Ill., Charles C. Thomas, 1963, x, 143 pp.
- 223.9 Neumann, E., Lucasse, C., & Gunders, A. E. Experimental onchocercal ocular lesions in the chimpanzee. Amer. J. Ophthal., 1964, 57, 217-267.
- 223.10 Farrer, D. N. & Young, F. A. A longitudinal analysis of the refractive characteristics of chimpanzees. Aeromedical Research Laboratory Documentary Report No. 65-1, Holloman Air Force Base, New Mexico, 1965.
- 223.11 Gilbert, G. A. & Kaplan, G. H. A wide band frequency auditory test system for use with primates. Aeromedical Research Laboratory Technical Report No. 65-5, Holloman Air Base, 1965.

- 223.12 Farrer, D. N. & Young F. A. The refractive characteristics and intraocular tensions of colony chimpanzees. Aeromedical Research Laboratory Documentary Technical Report No. 65-23, Holloman Air Force Base, New Mexico, 1965.
- 223.13 Maisel, H. & Goodman, M. Comparative electrophoretic study of vertebrate lens proteins. Amer. J. Ophthal., 1965, 59, 697-704.
- 223.14 Whitteridge, D. Area 18 and the vertical meridian of the visual field. Ciba Foundat. Study Gr., 1965, 20, 115-120.
- 223.15 Maisel, H. & Goodman, M. The ontogeny and specificity of human lens proteins. Invest. Ophthal., 1965, 4, 129-137.
- 223.16 Young, F. A., Leary, G. A., & Farrer, D. N. Ultrasound and phakometry measurements of the primate eye. Aeromedical Research Laboratory Technical Report No. 66-5, Holloman Air Force Base, New Mexico, 1966.
- 223.17 Ehlers, N. On the vegetative physiology of the cornea. Dan. med. Bull., 1966, 13, 133-146.
- 223.18 Duane, T. D. Experimental blackout and the visual system. Trans. Amer. ophthal. Soc., 1966, 64, 488-542.
- 223.19 MacGregor, R. J. Neural organization in the primate retina. Adv. Res. Proj. Agency. Mem. No. RM-4912-ARPA. The Rand Corporation, Santa Monica, Calif., 1967, ix, 79 pp. (Dept. Commerce Clearinghouse AD 667244)
- 223.20 Carpenter, R. L. A histological study of the chimpanzee eye. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-67-9, Holloman Air Force Base, New Mexico, 1967, vii, 72 pp.
- 223.21 Rohen J. W. & Wastenholz, A. Uber die Zentralisation der Retina bei Primaten. (Concerning the centralization of the retina in primates). Folia primat., 1967, 5, 92-147.
- 223.22 Tarlov, E. The rostral projections of the primate vestibular nuclei: An experimental study in macaque, baboon and chimpanzee. J. comp. Neurol., 1969, 135, 27-56.
- 223.23 Tarlov, E. The postural effect of lesions of the vestibular nuclei: A note on species differences among primates. J. Neurosurg., 1969, 31, 187-195.
- 223.24 Farrer, D. N., Young, F. A. & Leary, G. A. The refractive characteristics of chimpanzees. Pp. 75-78 in Proceedings of the second international congress of primatology, vol. 3, H. O. Hofer, (Ed.), Basel: S. Karger, 1969.

223.25 Orbach, J. & Miller, M. H. Visual performance of intra-human primates reared in an intermittently illuminated room. Vision Res., 1969, 9, 713-716.

223.26 Kalmus, H. The sense of taste of chimpanzees and other primates. In G. H. Bourne (Ed.), The chimpanzee, vol. 2. Baltimore: University Park Press, 1970.

223.27 Schmidt, R. E. Ophthalmic lesions in non-human primates. Vet. Path., 1971, 8 28-36.

224.00 Nervous System
(Neurological Disease)

- 224.1 Anthony, J. L'influence des facteurs encephaliques sur la brisure de la base du crane chez les primates. (The influence of encephalitic factors on cracks at the base of the skull among the primates.) Ann. Paleont., 1952, 38, 69-79.
- 224.2 Geschwind, N. Disconnection syndromes in animals and man. Part I. Brain, 1965, 88, 237-294.
- 224.3 Gajdusek, D. C. Slow-virus infections of the nervous system. New Engl. J. Med., 1967, 276, 392-400.
- 224.4 Killam, K. F., Jr., Joy, R. M., Killam, E. K. & Stark, L. G. Genetic models of epilepsy with special reference to the syndrome of the Papio Papio. Epilepsia (Amst.), 1969, 10, 229-238.
- 224.5 Asher, D., Beck, E., Gajdusek, D. C. & Gibbs, C. J. (A group of subacute spongiform encephalopathies: Slow infections of the central nervous system.) Vestn. Akad. med. Nauk, 1970, 25, 73-80. (Russian)
- 224.6 Gajdusek, D. C. Slow virus diseases of the central nervous system. Amer. J. clin. Path., 1971, 56, 320-332.
- 224.7 Schmidt, R. E. Colobomas in non-human primates. Folia primat., 1971, 14, 256-268.
- 224.8 Daniel, P. M. Transmissible degenerative diseases of the nervous system. Proc. roy Soc. Med., 1971, 64, 787-794.

225.00 Urinary Tract

225.1 Morrow, A. C. & Terry, M. W. Urine volume in nonhuman primates: A tabulation from the literature. Seattle, Primate Information Center, 1968, 15 pp.

225.2 van Camp, K. Histological and biochemical studies on prostatic tissue of mammals. Acta zool. path. (Antwerp), 1969, 48, 123-136.

225.3 Hodgkinson, C. P. Stress urinary incontinence in the human female Gravity and ecomorphologic influences on bladder and urethral function of the human female. Henry Ford Hosp. Med. J., 1969, 17, 145-164.

225.4 Roberts, J. A., Clayton, J. D., & Seibold H. R. The natural incidence fo pyelonephritis in the nonhuman primate. Invest. Urol., 1972, 9, 276-281.

226.00 Pulmonary
(Respiratory System)

- 226.1 Bruhn, J. M. The respiratory metabolism of infrahuman primates. Amer. J. Physiol., 1934, 110, 477-484.
- 226.2 Bruhn, J. M., & Benedict, F. G. The respiratory metabolism of the chimpanzee. Proc. Amer. Acad. Arts & Sci., 1936, 71, 259-326.
- 226.3 Nichols, R. E. Nasal polyps in a chimpanzee. J. Amer. vet med. Assoc., 1939, 47, 56-57.
- 226.4 Stahl, W. R. Scaling of respiratory variable in mammals. J. appl. Physiol., 1967, 22, 453-460.
- 226.5 Jager, J. & Schneider, H.-E. Primare pulmonale Hypertonie als Todesursache bei einem Schimpanse. (Primary Pulmonary Hypertonicity as the Cause of Death of a Chimpanzee.) Verh. int. Symp. Erkrank. Zool., 1968, 10, 91-92.

227.00 Integument

- 227.1 Friedenthal, H. Das Dauerhaarkleid des Menschen. Ein Beitrag zur Physiologie der Behaarung. (The permanent hair coat of humans. A contribution to the physiology of hair.) Beitr. Naturg. Mensch., 1908, 2, 39 pp.
- 227.2 Friedenthal, H. Entwicklung, Bau und Entstehung der Haare. Literatur ueber Behaarung. Ein Beitrag zur Physiologie der Behaarung. (Development, structure, and origin of hair. Literature on hair. A contribution to the physiology of hair.) Beitr. Naturg. Mensch., 1908, 4, 57 pp.
- 227.3 Van Gelderen, J. J. Note on the axillary organ of the chimpanzee. Anat. Anzeiger, 1926, 61, 407-409.
- 227.4 Riesen, A. H. Galvanic skin responses of infant chimpanzees. J. exp. Psychol., 1942, 31, 249-256.
- 227.5 Ellis, R. A. & Montagna, W. Comparative histochemistry of the sweat glands of primates. J. Histochem and Cytochem., 1959, 7, 308.
- 227.6 Scheen, S. R., Jr., & Winkelmann, R. K. Alkaline phosphatase in skin of certain animals. Arch. Derm. Syph., N. Y., 1961, 83, 439-446.
- 227.7 Machida, H. & Perkins, E. M., Jr. The distributaion of melanotic melanocytes in the skin of subhuman primates. Advanc. Biol. Skin, 1967, 8, 41-58.
- 227.8 Nicolaidues, N., Fu, H. C. & Rice, G. R. The skin surface lipids of man compared with those of eighteen species of animals. J. invest. Derm., 1968, 51, 83-89.

228.00 Pharmacology

- 228.1 Fulton, J. F., & Keller, A. D. Observations on the response of the same chimpanzee to dial, amytaL, and nembutal, used as surgical anaesthetics. Surg. Gynec. Obstet., 1932, 54, 764-770.
- 228.2 Power, F. W. Detoxication of phenylacetic acid by the chimpanzee. Proc. Soc. exp. Biol., 1936, 33, 598-600.
- 228.3 Elder, J. H. Methods of anesthetizing chimpanzees. J. Pharmacol., 1937, 60, 347-357.
- 228.4 Spragg, S. D. S. The nature of morphine addiction in chimpanzees. Psychol. Bull., 1937, 34, 726.
- 228.5 deJong, H. Experimental catotonia in a chimpanzee. Proc. Soc. exp. Bio., 1939, 41, 395-396.
- 228.6 deJong, H. Experimental catatonia in a chimpanzee. Acta. brev. neerl. Physiol., 1940, 10, 86-88.
- 228.7 Spragg, S. D. S. Morphine addiction in chimpanzees. Comp. Psychol. Monogr., 1940, 15, No. 7, 132 pp.
- 228.8 Lindesmith, A. R. Can chimpanzees become morphine addicts? J. comp. Psychol., 1946, 39, 109-117.
- 228.9 Komarov, T. F., Maiorov, F. P., & Firsov, L. A. Experimental investigation of sleep in anthropoid apes (chimpanzee). Fiziol. Zh., SSSR, 1959, 45, 924-931.
- 228.10 Kinard, R. & McPherson, C. W. The use of trichloroethylene and halothane anesthesia in the restraint of laboratory primates. Amer. J. Vet Res., 1960, 21, 385-388.
- 228.11 Wallace, G. D. Restraint of chimpanzees with perphenazine. J. Amer. Vet. Med. Assoc., 1960, 136, 222-224.
- 228.12 Firsov, L. A. Izuchenie sledovykh reaktsii u shimpanze pri khronicheskoi bromirovani. (A study of delayed reaction of chimpanzees during chronic bromide administration.) Nauch. Soobshcheniya Inst. Fiziol. Nauk, SSR 2, 1959, 127-131, Referat, Zhur., Biol., 1961, No. 3L523 (Translation)
- 228.13 Marsboom, R., Mortelmans, J., Vercruyse, & Thienport, D. Effective sedation and anesthesia in gorillas and chimpanzees. 4th international symposium on diseases in zoo-animals. Nordisk Veterinaermed., 1962, 14, 95-101.

- 228.14 Graham-Jones, O. Notes on the restraint and anaesthesia of primates. Veterinaermed, 1962, 14, 76-86.
- 228.15 Larsen, L. H. Restraint and anaesthesia of wild animals in captivity. Aust. vet. J., 1963, 39, 73-80.
- 228.16 Chiarelli, A. B. Sensitivity to P. T. C. (phe-nyl-thio-carbamide) in primates. Folia primat., 1963, 1, 88-94.
- 228.17 Eckert, J. Versuche zur Anwendung von Thiabendazole als Anthelmintikum bei Zootieren. (Experiments in the use of Thiabendazole as a worming agent in zoo animals.) Kleintier-Prax., 1963, 8, 34-40.
- 228.18 Marsboom, R. & Mortelmans, J. Some pharmacological aspects of analgesics and neuroleptics and their use for neuroleptanalgesia in primates and lower monkeys. Symp. small Anim. Anaesth. London, 1963.
- 228.19 Chiarelli, A. B. Observations of P. T. C.-tasting and on hybridization in primates. Symp. zool. Soc. Lond., 1963, 10, 277-279.
- 228.20 Young, F. A. & Farrer, D. N. The refractive error and intraocular pressure of immature chimpanzees under sernyl anesthesia. Aeromedical Research Laboratory Technical Report Number ARL-TDR-64-9, Holloman AFB, New Mexico, 1964.
- 228.21 Joffe, M. H. An anesthetic for the chimpanzee: 1-(1-phenylcyclohexyl) piperidine HCL. Anesth. Analg. Curr. Res., 1964, 43, 221-226.
- 228.22 Levison, P. K., Ferster, C. B., Niemann, W. H. & Findley, J. P. A method for training unrestrained primates to receive drug injections. Journal of the Experimental Analysis of Behavior, 1964, 7, 253-254.
- 228.23 Riopelle, A. J., Rogers, C. M., & Daumy, O. M. Experiences with phencyclidine anesthesia in primates. Lab. Anim. Care, 1964, 14, 332.
- 228.24 Weiss, B. Behavioral pharmacology. Science, 1964, 144, 730-731.
- 228.25 Weeks, J. R. Experimental narcotic addiction. Scientific American, 1964, 210, 46-52.
- 228.26 Graham-Jones, O. Restraint and anaesthesia of some captive wild mammals. Vet. Rec., 1964, 76, 1216-1248.
- 228.27 Day, P. W., Fineg, J., & Van Riper, D. C. Anesthetic techniques for chimpanzee restraint. Aeromedical Research Laboratory Technical Report No. 65-18, Holloman AFB, New Mexico, 1965.

- 228.28 Flowers, H. H. & Goucher, C. R. The effect of EDTA on the extent of tissue damage caused by the venoms of Bothrops atrox and Akistrodon piscivorus. Toxicon, 1965, 2, 211-224, 4 pl.
- 228.29 Mortelmans, J., Marsboom, R. & Vercruyse, J. Clinical trials with droperidol and fentanyl for anesthesia in primates and lower monkeys. Bull. Soc. roy Zool. Anvers, 1965, 36, 13-16.
- 228.30 Melby, E. C. & Baker, H. J. Phencyclidine for analgesia and anesthesia in simian primates. J. Amer. vet. med. Ass., 1965, 147, 1068-1072.
- 228.31 Heinemann, D. Schimpansen fressen Holzmull. Ein Beitrag zur Frage der Antibiotika--Beifutterung. (Chimpanzees eat sawdust. A contribution to the question of antibiotics -- supplemental feeding.) Zool. Gart. (Lpz.), 1965, 31, 266-267.
- 228.32 Fineg, J., Hanly, W. C., Prine, J. R., VanRiper, D. C. & Day, P. W. Isoniazid therapy in the chimpanzee. Aeromedical Research Laboratory Technical Report 66-1, Holloman Air Force Base, New Mexico, 1966.
- 228.33 Hache, H. & Schumann, H. D. Intubationsnarkose bei einem Schimpansen. (Intubation Narcosis in a chimpanzee.) Anaesthetist, 1966, 15, 196-197.
- 228.34 Bert, J., Collomb, H. & Martino, A. Sommeil barbiturique et tonus postural. Etude comparative chez divers primates (Galaginae, Cercopithecinae, Ponginae). (Barbiturate Sleep and Postural Tone. Comparative Study in Various Primates (Galaginae, Cercopithecinae, Ponginae).) C. R. Soc. Biol. (Paris), 1966, 160, 1682-1686.
- 228.35 VanRiper, D. C. New preanesthetic possible cause of chimpanzee death. Lab. Primate Newslett., 1966, 5, 11.
- 228.36 Schumann, H. D., Hache, H. & Schneider, H. E. Urologische Operation an einem Schimpansen in intubationsnarkose. (Urological operation on a chimpanzee using intubation narcosis.) Zool. Gart. (Leipzig), 1966, 32, 199-205.
- 228.37 Fitz-Gerald, F. L., Barfield, M. A. & Warrington, R. J. Voluntary alcohol consumption in chimpanzees and orangutans. Quart. J. Stud. Alcohol, 1968, 29, 330-336. Abstract: Biol. Abstr., 1968, 49, #94751.
- 228.38 Brandt, H. P. Zur sedierung von Affen mit dem Benzodioxanderivat "Quiloflex"^(R) (Sedation of Apes with the Benzodioxane Derivative "Quiloflex"^(R)) Kleintier-Prax., 1966, 11, 202-203. Abstract: Biol. Abstr., 1967, 48, #69761.

228.39 Fitz-Gerald, F. L. Effects of d-amphetamine upon behavior of young chimpanzees reared under different conditions. Excerpta med. (Amst.), Int. Congr. Ser., 1967, 129, 1226-1227.

228.40 Williams, R. T. Comparative patterns of drug metabolism. Fed. Proc., 1967, 26, 1029-1039.

228.41 Wallach, J. D., Frueh, R. & Lentz, M. The use of M.99 as an immobilizing and analgesic agent in captive wild animals. J. Amer. vet. med. Ass., 1967, 151, 870-876.

228.42 Whitney, G. D. & Deavours, G. M. Effect of methaqualone on behavior of the chimpanzee. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-68-11, Holloman Air Force Base, New Mexico, 1968, iii, 16 pp.

228.43 Krushak, D. H. & Hartwell, W. V. Effect of phenacyclidine on serum transminase in chimpanzees. J. Amer. vet. med. Ass., 1968, 153, 866-867.

228.44 Fisher, L. E. & Maschgan, E. Data on use of Sernalyn to obtain restraint. J. small Anim. Pract., 1968, 9, 149-151.

228.45 Reynolds, H. H., Barker, L. M. & Joffe, M. H. Effect of 2,5-dimethoxy-4-methyl-amphetamine (DOM) on psychophysical responding by a chimpanzee. Percept. Mot. Skills, 1968, 27, 1315-1320.

228.46 Reynolds, H. H., Salzberg, C. L. & Barker, L. M. Effect of methylphenidate hydrochloride (Ritalin)^R in psychophysical judgments by chimpanzees. Percept. Mot. Skills, 1968, 27, 927-933.

228.47 Vagtborg, H. (Ed.), Use of nonhuman primates in drug evaluation. Austin, Texas, University of Texas Press, 1968, xii, 640 pp.

228.48 Smith, C. C. Predicting drug metabolic pathways in man. Pp. 469-479 in Use of nonhuman primates in drug evaluation, H. Vagtborg, Ed. Austin, Texas, Univeristy of Texas Press, 1968.

228.49 Neurauter, L. J. The availability of primates. Pp. 543-548, 584-585 in Use of nonhuman primates in drug evaluation, H. Vagtborg, (Ed.), Austin, Texas, University of Texas Press, 1968.

228.50 Nouvel, J., Rinjard, J., Ciaraglini, P., Chauvier, G., Straziel L. & Bordet, O. Effets de quelques tranquillisants et anesthésiques sur les animaux sauvages. (The Effects of Several Tranquilizers and Anesthetics on Wild Animals.) Zool. Gart. (Lpz.), 1968, 35, 149-155.

228.51 Domino, E. F., McCarthy, D. A. & Deneau, G. A. General anesthesia in infrahuman primates. Fed. Proc., 1969, 28, 1500-1509.

228.52 Mortelmans, J. Tranquillization and anaesthesia. Primates in Med., 1969, 2, 113-122.

228.53 Lester, D. Nonhuman primates in research on the problems of alcohol Pp. 249-261 in Use of nonhuman Primates in drug evaluation. H. Vagtborg, (Ed.) Austin, Texas, University of Texas, Press, 1968.

228.54 Clark, D. A., Foulds, E. L., Jr., Wilson, F. H., Jr. Effects of hydrogen peroxide on lipoproteins and associated lipids. Lipids, 1969, 4, 1-8.

228.55 Steffes, P. E., Van Loon, E. J., Schoentag, R. A. & Hanly, W. C. Reversible chloramphenicol-induced bone depression in the chimpanzee. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-70-7, Holloman Air Force Base, New Mexico, 1970, iii, 20 pp.

228.56 Seal, U. S., Erickson, A. W. & Mayo, J. G. Drug immobilisation of the Carnivora. Int. Zoo Yearb., 1970, 10, 157-170.

228.57 Coletsos, P. J. Experimental comparative study of the concentration of cycloserine in the serum and viscera in conventional laboratory animals and in the monkey Scand. J. resp. Dis., 1970, 51, 40-50.

228.58 Reynolds, H. H., Salzberg, C. L. & Barker, L. Recent experimental data on the effects of Ritalin on chimpanzee psychophysical responding. Ann. N. Y. Acad. Sci., 1969, 162, 630-634. Abstract: Excerpta med. (Amst.), 1971, 24 (Sect.30), #101.

228.59 McCheseny, E. W., Golberg, L., Parekh, C. K., Russell, J. C. & Min, B. H. Reappraisal of the toxicology of ethylene glycol. II. Metabolism studies in laboratory animals. Food Cosmet. Toxicol., 1971, 9, 21-38.

228.60 Fanelli, G. M., Jr., Bohn, D. L. & Reilly, S. S. Renal effects of uricosuric agents in the chimpanzee. J. Pharmacol. exp. Ther., 1971, 177, 591-599.

228.61 Rawlings, C. A. & Dean, D. F. An anesthetic technic for primates during emplacement of a flow sensor about the middle cerebral artery. Lab. Anim. Sci., 1971, 21, 520-525.

228.62 Conrad, D. G., Elsmore, T. F. & Sodetz, F. J. Δ^9 -tetrahydrocannabinol: Dose-related effects on timing behavior in chimpanzee. Science, 1972, 175, 547-550.

**Pathology and
Experimental Medicine**

301.00 General Medicine

- 301.1 Sauer, R. M. (Ed.) Care and diseases of the research monkey. Ann. N. Y. Acad. Sci., 1900, 85, 735-992.
- 301.2 Wilbert, R. Sur une maladie infectieuse du chimpanze transmissible à l'homme. (An infectious disease of chimpanzees transmissible to man.) C. R. Acad. Sci., Paris, 1927, 185, 569-571.
- 301.3 Pocock, R. I. A discussion of monkeys and human disease. Proc. r. Soc. Med., 1929, 22, 819-832.
- 301.4 Stefko, W. H. The illness of the chimpanzee, "Bella." Proc. Moscow zool. Park, 1940, 1, 277-284.
- 301.5 Rewell, R. E. Diseases of tropical origin in captive wild animals. Trans. r. Soc. trop. Med. Hyg., 1948, 42, 17-25.
- 301.6 Lang, E. M. On X-ray in the work of the zoo veterinarian. Annual Report Zool. Gardens, Switzerland, 1950.
- 301.7 Anonymous. Convalescent young chimpanzees. Illustrated London News, 1950, 216, 289.
- 301.8 Fisher, L. E. Disease problems and handling of laboratory primates. Proc. Anim. Care Panel, 1951, 2, 18-25.
- 301.9 van den Berghe, L. & Janssen, P. Une maladie nouvelle du chimpanze. (A new disease of the chimpanzee.) Folia Sci. Africæ Centralis, 1956, 2, 22.
- 301.10 Ruch, T. C. Diseases of laboratory primates. Saunders, Phila., 1959, 600 pp.
- 301.11 Keene, W. R., Silberman, H. R., & Landy, M. Observations on the pyrogenic response and its application to the bioassay of endotoxin. J. clin. Invest., 1961, 40, 295-301.
- 301.12 Meenan, P. N. Aerial disinfection with hexyl resorcinol in a monkey house. Irish J. med. Sci., 1963, 447, 99-103.
- 301.13 Wedum, A. G. Laboratory safety in research with infectious aerosols. Publ. Hlth. Rep. (Wash.), 1964, 79, 619-633.
- 301.14 Pike, R. M., . . . E., & Schulze, M. L. Continuing importance of laboratory and infections. Amer. J. publ. Hlth., 1965, 55, 190-199.

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- 301.15 Grigorovich, N. A., Dzhikidze, E. K., Dikovenko, E. A., Lagutina, N. I., Strelkov, R. B., Shestopalova, S. K. & Yakovleva, L. A., (Eds.) (Questions on physiology, experimental pathology and radiobiology.) Sukhumi, Publishing House--Alashar, 1965, 420 pp.
- 301.16 Kalter, S. S., Kim, C. W., & Sueltenfuss, E. A. Further characterization of agents isolated from normal baboon (Papio sp.). J. infect. Dis., 1967, 117, 301-306.
- 301.17 Van Riper, D. C. Primates in medical research. Pp. 343-344 in Neue Ergebnisse der Primatologie, D. Starck, R. Schneider & H.-J. Kuhn, (Eds.) Stuttgart, Gustav Fischer Verlag, 1967.
- 301.18 Lerner, R. A., Glasscock, R. J. & Dixon, F. J. The role of antiglomerular basement membrane antibody in the pathogenesis of human glomerulonephritis. J. exp. Med., 1967, 126, 989-1004, 5 pls. Abstract: Biol. Abstr., 1968, 49, #30385.
- 301.19 Von Lichtenberg, F. & Sadun, E. H. Experimental production of bilharzial pipe-stem fibrosis in the chimpanzee. Exp. Parasit., 1968, 22, 264-278.
- 301.20 Kalter, S. S., Al-Doory, Y., Kuntz, R. E., & Pinkerton, M. E. Infectious diseases associated with the use of primates. Pp. 505-538 in Use of nonhuman primates in drug evaluation, H. Vagtborg, ed. Austin, Texas, University of Texas Press, 1968.
- 301.21 Kratochvil, C. H. Anthropoid apes in experimental medicine: A review: Ann. N. Y. Acad. Sci., 1969, 162, 301-310.
- 301.22 Price, W. F., Jr. What is your diagnosis? (Tree static in roentgenogram.) J. Amer. vet. med. Ass., 1969, 154, 425-426.
- 301.23 Wedum, A. G. & Kruse, R. H. Assessment of risk of human infection in the microbiological laboratory, 2nd ed. U. S. Army Misc. Publ. 30 Fort Detrick, Maryland, 1969, 88 pp.
- 301.24 Stout, C. Relevance of diseases in animals. New Engl. J. Med., 1970, 282, 754.
- 301.25 Price, W. F., Jr. What is your diagnosis? (Radiologic diagnosis of pneumonia and osteomyelitis in a chimpanzee.) J. Amer. vet. med. Ass., 1970, 157, 746-748.
- 301.26 Kratochvil, C. H. Comparative physiologic studies in primates. Transplant. Proc., 1970, 2, 542-545.
- 301.27 Kaufmann, A. F. A program for surveillance of nonhuman primate disease. Lab. Anim. Sci., 1971, 21, 1061-1067.

301.28 Sibinovic, S., Valerio, D. A., Landon, J. C., & Leiseca, S. Maintenance of juvenile simians for oncogenic studies. Pp. 912-917 in Medical primatology 1970, E. I. Goldsmith & J. Moor-Jankowski, (Eds.) Basel: S. Karger, 1971.

301.29 Riopelle, A. J., Ayres, J. P. Seibold, H. R., & Wolf, R. H. Studies of primate diseases at the Delta Center. Pp. 826-838 in Medical primatology 1970, E. I. Goldsmith & J. Moor-Jankowski, (Eds.) Basel: S. Karger, 1971.

301.30 Muchmore, E. & Davis, J. Biological parameters of simians for medical research. Pp. 194-204 in Proceedings of the third international congress of primatology, Zurich 1970, vol. 2 J. Biegert & W. Leutenegger, (Eds.) Basel: S. Karger, 1971

302.00 Environmental Effects
(Including Radiation)

302.1 Riesen, A.H., Tahmisian, T. N., & Mackenzie, C.G. Prolongation of consciousness in anoxia of high altitude by glucose. Proc. Soc. exp. Biol. Med., 1946, 63, 250-254.

302.2 Amprino, R. Rapporti fra processi di ricostruzione e distribuzione dei minerali nelle ossa. I. Richerche eseguite con metodo di studio dell' assorbimento dei raggi Roentgen. II. Richerche con metodo autoradiografico. (Relationship between the reconstruction and distribution of minerals in the bones. I. Investigations with the absorption methods of X-rays. II. Investigations with the autoradiographic method.) Z. Zellforsch., 1952, 37, 144-183, 240-273.

302.3 Beckman, E.L., Ziegler, J.E., Duane, T.D., & Hunter, H.N. Some observations on human tolerance to acceleration stress. Phase II. Preliminary studies on primates subjected to maximum simple accelerative loads. J. Aviation Med., 1953, 24, 377-392.

302.4 Stapp, J.P. Tolerance to abrupt deceleration. Paper #14, In: Collected papers on aviation medicine. Agardograph No. 6. Butterworth, London, pp. 122-169, 1955.

302.5 Stapp, J.P., & Hughes, C.D. Effects of mechanical force on living tissues. II. Supersonic deceleration and windblast. J. Aviat. Med., 1956, 27, 407-413.

302.6 Stapp, J.P. Human tolerance to deceleration. Amer. J. Surg., 1957, 93, 734-740.

302.7 Stapp, J.P., & Blount, W.C. Effects of mechanical force on living tissues. III. Compressed air catapult for high impact forces. J. Aviat. Med., 1957, 28, 281-290.

302.8 Stoll, A.M. Some physiological and pathological effects in chimpanzees exposed to 40 transverse G for 60 seconds. Letter rept. no. TED ADC AE-1406 (NM 11 03 12.4), 1957

302.9 Stoll, A. M. Effect of positioning in exposure of chimpanzee to 40 transverse G for 60 seconds. Letter rept. no. TED ADC AE-1406 (NM 11 02 12.4), 1957.

302.10 N.A.D.C. Some physiological and pathological effects in chimpanzees exposed to 40 transverse G for 15 and for 60 seconds. U.S. Naval Development Center, Johnsville, Pa., MA 5982, 1957.

302.11 Stoll, A.M., & Mosely, J.D. Physiologic and pathologic effects in chimpanzees during prolonged exposure to 40 transverse G. J. aviat. Med., 1958, 29, 575-586.

302.12 Ward, W. E. Altered environments for biological specimens. I. Restraint conditioning of large biological specimens. Air Force Missile Development Center Technical Note 59-36, Holloman Air Force Base, New Mexico, 1959.

302.13 McNulty, W., & Rothberg, H. Pathology of the chimpanzee after lethal whole body radiation.

302.14 Rothberg, H., Blair, E. B. Gomex, A. C., & McNulty, W. Observations on chimpanzees after whole body radiation and homologous bone marrow treatment. Blood, 1959, 14, 1302-21.

302.15 Archibald, E. R., Ward, W. E., Darling, P. H., & Mosely, J. D. Chimpanzee temperature-humidity test no. 1. Air Force Missile Development Center Technical Note 60-11, 1960.

302.16 Graybiel, A., Meek, J. C., Beischer, D. E., & Riopelle, A. J. Research Report: Observations of canal sickness and adaptation in a "slow rotation room." U. S. Naval School of Avia. Med. Report, MR 005. 13-6001.1.55, 1 Oct 1960.

302.17 Coburn, K. R., Craig, P. H., & Beckman, E. L. Effects of positive G on chimpanzees immersed in water. Aerospace Med., 1961, 32, 226.

302.18 Meek, J. C., Graybiel, A., Beischer, D. E., & Riopelle, A. J. Observations of canal sickness and adaptation in chimpanzees and squirrel monkeys in a slow rotation room. Aerospace Med., 1961, 32, 241.

302.19 Stingley, N. E. Test protocol: Acceleration-deceleration studies of Project Mercury chimpanzees. Air Force Missile Development Center, Aero Med. Field Lab Report, 1961, 28 pp.

302.20 Archibald, E. R., & Ward, W. E. Chimpanzee temperature-humidity tolerance tests. Control tests at 80° F, 50 percent relative humidity. Air Force Missile Development Center Technical Report 61-11, April, 1961.

302.21 Meek, J. C., Graybiel, A., Beischer, D. E., & Riopelle, A. J. Observations of canal sickness and adaptation in chimpanzees and squirrel monkeys in a slow rotation room. U.S.N.S.A.M. Res. Rept. Res. Proj. MR005, 13-1001, 59, 1-15, 1961.

302.22 Farrer, D. N. & Reynolds, H. H. Chimpanzee performance during exposure to 100% oxygen at 14.7 psi. Aeromedical Research Laboratory Technical Documentary Report 62-8, Holloman AFB, New Mexico, 1962.

302.23 Stingley, N. E. The physiological responses of chimpanzees to simulated launch and re-entry acceleration. Aeromedical Research Laboratory Technical Documentary Report 62-11, Holloman AFB, New Mexico 1962.

302.24 Farrer, D. N. & Bogo, V. Chimpanzee performance during a simulated three-day space flight. Aeromedical Research Laboratory Technical Documentary Report 62-25, Holloman AFB New Mexico, 1962.

302.25 Holcomb, G. A. Abrupt impact acceleration stress -- do we know man's limitations? Aerospace Med., 1962, 33, 363.

302.26 Meek, J. C., Graybiel, A., Beischer, D. E., & Riopelle, A. J. Observations of canal sickness and adaptation in chimpanzees and squirrel monkeys in a "slow rotation room". Aerospace Medicine, 1962, 33, 571-578.

302.27 Henry, J. P., Augerson, W. D., Belleville, R. E., Douglas, W. K., Grunzke, M. E., Johnston, R. S., Laughlin, P. C., Mosely, J. D., Rohles, F. H., Voas, R. B., & White, S. C. Effects of weightlessness in ballistic and orbital flight. Aerospace Med., 1962, 33, 1056-1068.

302.28 Meier, R. M., Greenhoot, J. H., Shorley, E. A., Goodman, J. R., Porter, R. W. Serum cholesterol changes in monkeys induced by restraint. Fed. Proc., 1962, 21, 101.

302.29 Vanlancku, J. L., Wolf, R. C., & Mowbray, J. B. The protection of primates against lethal doses of X-radiation. Fed. Proc., 1962, 21, 423.

302.30 Vanlancku, J. L., Wolf, R. C., Mowbray, J. B. Protection of primates against lethal doses of X-radiation. Nature, 1962, 194, 429-493.

302.31 Van Bekkum, D. W. Bone marrow therapy and chemical protection in irradiated primates. Nature, 1962, 196, 1164-1165.

302.32 Riopelle, A. J., & Daumy, O. J. Care of chimpanzees for radiation studies. Proc. of the International Symposium on Bone Marrow Therapy and Chemical Protection in Irradiated Primates, 1962.

302.33 Riopelle, A. J., & Daumy, O. J. Care of chimpanzees for radiation studies. In Proceedings of the International Symposium on Bone Marrow Therapy and Chemical Protection in Irradiated Primates, 1962, Krips, Rijswijk (Z.H.), The Netherlands, 205-230.

302.34 Rohles, F. H., Reynolds, H. H., & Brown, C. E. Diurnal temperature changes in a chimpanzee during a 14 day restraint test. Aero-medical Research Laboratory Technical Documentary Report 63-2, Holloman AFB, New Mexico, 1963.

302.35 Caraway, B. L., Edwards, R. H., & Cook, J. E. A clinical evaluation of 14-day restraint studies in the chimpanzee. Aeromedical Research Laboratory Technical Documentary Report 63-7, Holloman AFB, New Mexico, 1963.

- 302.36 Edwards, R. H., & Gleason, T. L. Chimpanzee physiological tolerance to breathing 100% oxygen at 15 psi. Aeromedical Research Laboratory Documentary Report No. 63-14, Holloman Air Force Base, New Mexico, 1963.
- 302.37 Gleason, T. L. & Ward, W. E. Physiological base-line studies for chimpanzees under stable conditions of flight. Aeromedical Research Laboratory Technical Documentary Report No. 64-4, Holloman Air Force Base, New Mexico, 1964.
- 302.38 Elmadjian, F. Biochemical study of large primate response to severe environmental stressors. Aeromedical Research Laboratory Technical Documentary Report 63-18, Holloman AFB, New Mexico, 1963.
- 302.39 Beckett, P. G. S., Frohman, C. E., Davenport, R. K., Jr., Rogers, C. M., & Gotlieb, J. S. Biologic effects of infantile restriction in chimpanzees. Comprehens. Psychiat., 1963, 4, 1-8.
- 302.40 Layne, D. S., Elmadjian, F., Pincus, G. & Gleason, T. L. Biochemical response of immature chimpanzees to severe environmental stress. Aeromedical Research Laboratory Technical Documentary Report No. 63-26. Holloman Air Force Base, New Mexico, 1964.
- 302.41 Scott, R. A. Chimpanzee serum biochemical alternations during and following 24 hours of restraint. Aeromedical Research Laboratory Technical Report No. 64-12, Holloman Air Force Base, New Mexico, 1964.
- 302.42 Scott, R. A. Chimpanzee hematologic alterations during and following 24 hours of restraint. Aeromedical Research Laboratory Technical Report No. 64-13, Holloman Air Force Base, New Mexico, 1964.
- 302.43 Scott, R. A. Chimpanzee urine biochemical alternations during 24 hours of restraint. Aeromedical Research Laboratory Technical Report No. 64-14, Holloman Air Force Base, New Mexico, 1964.
- 302.44 Meehan, J. P., Fineg, J., & Mosely, J. D. The effect of restraint and training on the arterial pressure of the immature chimpanzee, Fed. Proc., 1964, 23 515.
- 302.45 Gleason, T. L. & Edwards, R. H. Physiological tolerance study of chimpanzees' breathing 100 percent oxygen at 5 p.s.i. Aeromedical Research Laboratory Technical Documentary Report No. 65-16, Holloman Air Force Base, New Mexico, 1965.
- 302.46 Hawrylewicz, E. J., & Blair, W. H. Biochemical measure of impact stress in chimpanzees. Aerospace Medicine, 1965, 36, 369-371.
- 302.47 Coburn, K. R., Craig, P. H., & Beckman, E. L. Effects of positive G on Chimpanzees immersed in water. Aerospace Med., 1965, 36, 233-245.

- 302.48 Jemski, J. V., & Phillips, G. B. Aerosol challenge of animals. In Gay, W. E., (Ed.), Methods of animal experimentation, New York: Academic Press, 1965,
- 302.49 Davis, R. T. The radiation syndrome. In Schrier, A. M., Harlow, H. F., & Stollnitz, F. (Eds.), Behavior of nonhuman primates: Modern research trends, New York: Academic Press, 1965.
- 302.50 Koestler, A. G. & Day, P. W. An exploratory study of the effects of a hyperbaric environment of the chimpanzee. 6571st Aeromedical Research Laboratory Technical Report Number ARL-TR-66-17, Holloman Air Force Base, New Mexico, 1966.
- 302.51 Garnham, P. C. C. The transformation of natural into unnatural foci as seen in the course of a tropical river. Pp. 267-274 in Theoretical questions of natural foci of diseases. Prague, Czechoslovak Academy of Science, 1965, Abstract: Biol. Abstr., 1966, 47, #8791.
- 302.52 Caraway, B. L. Physiologic baseline studies of zoologic specimens: Physiologic values of the normal immature chimpanzee under restraint. U. S. Air Force Sch. Aerospace Med. Tech. Rep. No. SAM-TR-66-100, Brooks Air Force Base, Texas, 1966, iii, 24 pp.
- 302.53 Strumza, M.-V. Survie apres exposition au vide. (Survival After Exposure to Vacuum.) Presse med., 1966, 74, 2713-2714.
- 302.54 Reite, M., Stephens, L., Bixler, E. & Rhodes, J. M. Replication and extension of rapid decompression of chimpanzees to a near vacuum. Section II. Physiology and neurophysiology. Pp. 59-94 in 6571 Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-67-2, Holloman Air Force Base, New Mexico, 1967.
- 302.55 Koestler, A. G., Ed. Replication and extension of rapid decompression of chimpanzees to a near vacuum. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-67-2, Holloman Air Force Base, New Mexico, 1967, vi, 103 pp.
- 302.56 Koestler, A. G., Reite, M. L. & Kratochvil, C. H. A study of high altitude decompression. Lect. Aerospace Med., 1967, 6, 78-98.
- 302.57 Schoenbrun, R. L. & Adey, W. R. Space-flight-related stresses on the central nervous system. Radiat. Res., 1967, (suppl. 7), 423-438.
- 302.58 Koestler, A. G. & Reynolds, H. H. Rapid decompression of chimpanzees to a near vacuum. J. appl. Physiol., 1968, 25, 153-158.
- 302.59 Smith, J. M., Deppel, J. A. et al. Orbiting experiment for study of extended weightlessness. Nat. Aeronaut. Space Admin. Rep. No. NASA CR-66520, Washington D.C., National Aeronautics and Space Administration, 1968, xxii, (598 pp.). (Dept. Commerce Clearinghouse N68-13840.).

- 302.60 Sonntag, R. W., Jr., Newsom, W. A., Leverett, S. D., Jr. & Kirtland, V. E. Use of contoured restraint systems in exposure of large primates to -- 150 G_x impact. Proc. Stapp Car Crash Conf., 1968, 12, 201-206.
- 302.61 Sprouffske, J. F., Pittman, J. C. & Kaufman, W. C. Prediction of the final volume of the human body exposed to a vacuum. Aerospace Med., 1969, 40, 740-743.
- 302.62 Harris, E. S. Inhalation toxicity of ethylene glycol. Pp. 99-104 in Aerospace Med. Res. Lab. Tech. Rep. No. AMRL-TR-69-130, Wright-Patterson AFB, Ohio. 1969
- 302.63 Felts, M. F. Effects of exposure to ethylene glycol on chimpanzees. Paper no. 9 in Aerospace Med. Res. Lab. Tech. Rep. No. AMRL-TR-69-130, Wright-Patterson Air Force Base, Ohio, 1969. (National Technical Information Service No. AD-710 059.)
- 302.64 Kripke, D. F. Physiology and neurophysiology, Pp. 43-57 in Exposure limits for chimpanzees at near vacuum following rapid decompression. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-69-6, A. G. Koestler, Ed. Holloman Air Force Base, New Mexico, 1969.
- 302.65 Prine, J. R. and Lovett, R. L. Post mortem. Pp. 65-80 in Exposure limits for chimpanzee at near vacuum following rapid decompression. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-69-6, A. G. Koestler, Ed. Holloman Air Force Base, New Mexico, 1969.
- 302.66 Rumsey, A. N. & Segesman, F. C. Physical environment. Pp. 81-85 in Exposure limits for chimpanzees at near vacuum following rapid decompression. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-69-6, A. G. Koestler, Ed. Holloman Air Force Base, New Mexico, 1969.
- 302.67 Koestler, A. G., Ed. Exposure limits for chimpanzees at near vacuum following rapid decompression. 6571st Aeromed Res. Lab. Tech. Rep. No. ARL-TR-69-6, Holloman Air Force Base, New Mexico, 1969, vi 85 pp.
- 302.68 Derwelis, S. K. Clinical evaluation. Pp. 59-63 in Exposure limits for chimpanzees at near vacuum following rapid decompression. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-69-6, A. G. Koestler, Ed. Holloman Air Force Base, New Mexico, 1969.
- 302.69 Stern, R. H., Renger, H. L., Howell, F. V. Laser effects on vital dental pulps. Brit Dent. J., 1969, 127, 26-28.
- 302.70 Rothberg, H. Whole body radiation in the chimpanzee. In G. H. Bourne (Ed.), The chimpanzee, vol. 1, Baltimore: University Park Press, 1969. Pp. 403-412.

302.71 Von Beckh, H. J. Protection against accidental decompression by compartmentalization of spacecraft and aircraft. Aerospace Med., 1970, 41, 143-153.

302.72 Pratt, A. J., Stone, H. L., Stegall, H. F. & Kaufman, W. C. Circulatory impairment during exposure to ambient pressures of 4 mm Hg and 55 mm Hg. J. appl. Physiol., 1970, 29, 177-180.

302.73 Ward, W. E. & Archibald E. R. Temperature studies on the chimpanzee. In the chimpanzee. vol. 2 Physiology, behavior, serology, and diseases of chimpanzees. G. H. Bourne (Ed.) Published in simultaneous European (Basel: Karger, 1970) and American (Baltimore: University Park Press, 1970) editions.

302.74 Stinson, J. M. & Mattsson, J. L. Cardiac depression in the detection of high environmental CO₂: A comparative study in rhesus monkeys and chimpanzees. Aerospace Med., 1971, 42, 78-80.

302.75 Ommaya, A. K. & Hirsch, A. E. Tolerances for cerebral concussion from head impact and whiplash in primates. J. Biomech., 1971, 4, 13-21

303.00 Pathology
(General)

- 303.1 Strong, R. P., & Shattuck, G. C. Medical and pathological investigations in Liberia and the Belgian Congo. Contr. Harv. Inst. Trop. Biol. Med., 1930, 1, 219-461.
- 303.2 Kennard, M. A., & Willner, M. D. Findings at autopsies of 70 anthropoid apes. Endocrinology, 1941, 28, 967-976.
- 303.3 Gessner, J. Ein gedecktes Ulcus ventriculi perforans bei einem Schimpanse. (A covered perforated gastric ulcer in a chimpanzee.) Wissenschaft. Z. d. Univ. Jena, Jahrg. 4, 1954-1955, Math-naturw. Reche, Heft 1.
- 303.4 LeFrou, G., & Micharch, V. Etude sur les causes de mortalite des chimpanzes en captivite a l'Institut Pasteur de Kindea (1950-1956). (Studies of the causes of death in captive chimpanzees at the Pasteur Institute of Kindea.) Ann. Inst. Pasteur, Paris, 1957, 93, 502-506.
- 303.5 Kaplan, W. The occurrence of black piedra in primate pelts. Trop. geog. Med., 1959, 11, 115-126.
- 303.6 Sauer, H. Sektionsbericht eines Schimpansen nach Beri-Beri. (Report of a chimpanzee post mortem following beri-beri.) Zool. Gart. (Lpz.), 1965, 31, 209-211.
- 303.7 Epple, A. Further observations on amphiphil cells in the pancreatic islets. Gen. comp. Endocr., 1967, 9, 137-142.
- 303.8 Field, E. J. Amyloidosis, Alzheimer's disease, and ageing. Lancet, 1970, (2), 780-781.
- 303.9 McClure, H. M. & Guilloud, N. B. Comparative pathology of the chimpanzee. Pp. 103-272 in The chimpanzee: Behavior, growth and pathology of chimpanzees, vol. 4 G. H. Bourne, (Ed.) Baltimore, Maryland, University Park Press, 1971

304.00 Congenital sease

- 304.1 Aeby, C. T. Beitrage zur Kenntniss der Mikrocephalie, III.
(Contributions to the knowledge of microcephaly. III.) Arch. Anthrop..
1874, 7, 199-262.
- 304.2 Goldschmidt, W. Ueber einen Fall von Spaltfussbildung bei
Anghropoithecus troglodytes. (A case of cleft-foot structure in
Anthropopithecus troglodytes.) Anat. Anz., 1910, 37, 246-249.
- 304.3 Elder, J. H. Report of a case of inherited polymastia in
chimpanzees. Anat. Rec., 1936, 65, 83-87.
- 304.4 Wilson, J. G. & Gavan, J. A. Congenital malformations in
nonhuman primates: Spontaneous and experimentally induced. Anat.
Rec., 1967, 158, 99-109.
- 304.5 Morris, L. N. Spontaneous congenital limb malformations in
nonhuman primates: A review of the literature. Teratology, 1971,
4, 335-341.

305.00 Surgery (General)

- 305.1 Weinberg M. Un cas d'appendicite chez le chimpanze. (A case of appendicitis in the chimpanzee.) Ann. Inst. Pasteur, Paris, 1904, 18, 323-331.
- 305.2 Moser, R.H., Kurtzman, N.A., Van Riper, D.C., Kratochvil, C. & Prine, J.R. Percutaneous renal biopsy in chimpanzees. Amer J. vet. Res., 1967, 28, 1631 1634.
- 305.3 Goldsmith E.I. The role of non-human primates in surgical research. Pp. 442-446 in Neue Ergebnisse der Primatologie, D. Starck, R. Schneider & H.-J. Kuhn, eds. Stuttgart, Gustav Fischer Verlag, 1967.
- 305.4 Kuntze, A. Chirurgische Eingriffe im Bereich des Kopfes bei Zootieren. (Surgical Interventions in the Head Region of Zoo Animals.) Verh. int. Symp. Erkrank. Zoot., 1968, 10, 93-97.
- 305.5 Nakagawa, S. Localized peritonitis of chimpanzee (Pan satyrus) and its operation. Verh. int. Symp. Erkrank. Zoot., 1968, 10, 133.

306.00 Surgery
(Transplantation Studies)

- 306.1 Troisier, J. La greffe du cancer humain au chimpanze. (The grafting of human cancer to the chimpanzee.) Ann. Inst. Pasteur, Paris, 1930, 45, 660-672.
- 306.2 Hardy, J. D., Timmis, H. H., Chavez, C. M., Lehan, P. H., Hellums, H. K., & Fabian, L. W. Heart transplanatation. J. Miss. med. Ass., 1968, 9, 105-110.
- 306.3 Friedman, M., Moldovanu, G., Moore, A. E. & Miller, D. G. The transplantation of tumors in higher animals, Prog. exp. Tumor Res. (Basel), 1968, 10, 1-21.
- 306.4 Balner, H. Skin grafting in monkeys and apes. Transplantation, 1969, S, 206-209.
- 306.5 Metzgar, R. S., & Seigler, H. F. Transplantation Biology of the Chimpanzee. In G. H. Bourne (Ed.), The chimpanzee, vol. 3. Baltimore: University Park Press, 1970, Pp. 20-25.
- 306.6 Cortesini, R., Casciani, C. & Cucchiara, G. Heterotransplantation in primates: Current state of affairs. Pp. 239-248 in Infections and immunosuppression in subhuman primates. H. Balner & W. I. B. Beveridge, (Ed.), Baltimore, Williams. & Wilkins, 1970.
- 306.7 Ducker, T. B. & Hayes, G. J. Peripheral nerve grafts: Experimental studies in the dog and chimpanzee to define homograft limitations. J. Neurosurg., 1970, 32, 236-
- 306.8 Calne, R. Y., Balner, H., Davis, D. R., Herbertson, B. M., Joysey, V. C., Millard P. R., Pena, J. R., Samuel. J. R. Seaman, M. J., Stibbe, J., de Vries, M. & Westbroek, D. L. Some observations on hepatic allografts and xenografts in primates. Lancet, 1970, (1), 103-106. Also: Pp. 231-237 in Infections and immunosuppression in subhuman primates, H. Balner & W. I. B. Beveridge, (Eds.), Baltimore, Williams & Wilkins, 1970. Abstract: Biol. Abstr., 1970, 51, #91183.
- 306.9 Giles, G. R., Boehmig, H. J., Amemiya, H., Halgrimson, C. G. & Starzl, T. E. Clinical heterotransplantation of the liver. Transplant. Proc., 1970, 2, 500-512.
- 306.10 Darrow, C. C., II, LaFontaine, G. S., Smith, J. J., Martin, D. P., Sell, K. W. & Kayhoe, D. E. Prolonged rhesus skin allograft survival produced by antihuman thymocyte serum. Transplant. Proc., 1971, 3, 730-732.

307.00 Surgery (Renal Transplantation)

- 307.1 Reemstma, K. Studies in renal heterotransplantation in man. Abstracts of symposium held at dedication of Delta Regional Primate Research Center, Covington, Louisiana, privately printed. 1964.
- 307.2 Starzl, T. E. Experience in renal transplantation. Philadelphia: W. B. Saunders Company, 1964.
- 307.3 Reemstma, K., McCracken, B. H., Schlegel, J. U., Pearl, M. A., DeWitt, C. W. & Creech O., Jr. Reversal of early graft rejection after renal heterotransplantation in man. J. Amer. Med. Ass., 1964, 187, 691-696.
- 307.4 Hitchcock, C. R. Revived interest in renal heterotransplantation: Present status in 1964. Minn. Med., 1964, 47, 1213-1217.
- 307.5 Reemstma, K., McCracken, B. H., Schlegel, J. U. & Pearl, M. Heterotransplantation of the kidney: two clinical experiences. Science, 1964, 143, 700-702.
- 307.6 Mobley, Jack E. & Schlegel, J. U. Radiohippuran accumulation in the transplanted kidney as a signal of rejection. Surgery, 1965, 58, 815-818.
- 307.7 Perrin, J., Traeger, J., Saubier, E., Fries, D., Archimbaud, J. P., Bonnet, P., Cuche, M., Laurent, G., Nicholas, (), & Vicaria, (). A propos de deux cas d'hétéro-transplantation rénale chez l'homme (chimpanzé). (Two cases of Kidney Heterotransplantation in Man (Chimpanzee). Lyon Chir., 1966, 162, 74-81.
- 307.8 Stefanini, P., Casciani, C. & Cortesini, R. II trapianto renale: Ricerche sperimentali e prime esperienze cliniche. (Kidney Transplantation: Experimental Research and First Clinical Experiments.) Minerva Med., 1966, 57, 2973-2980.
- 307.9 Stefanini, P., Cortesini, R., Casciani, C., Arullano, A., Cucchiara, G., Ancarani, E. & Boffo, V. II trapianto del rene. (Kidney Transplantation.) Int. Surg., 1968, 49, 181-186.
- 307.10 Eales, L. Progress in dialysis and renal transplantation. S. Afr. med. J., 1968, 42, 222-230.
- 307.11 Reemtsma, K. Renal heterotransplantation from nonhuman primates to man. Ann. N. Y. Acad. Sci., 1969, 162, 412-418.

308.00 Infections
(Parasites and Parasitic Diseases)

- 308.1 Studer, T. Demonstration eines Bandwurms aus demschimpanzen.
(Demonstration of a tapeworm in the chimpanzee.) Mitt. Naturf. Ges. Bern, 1879, 10-11.
- 308.2 Ziemann, H. Ueber das Vorkommen von Filaria perstans und trypanosomen beim Schimpansen. (The presence of Filaria perstans and trypanosomes in the chimpanzee.) Arch. f. Sch. u. Tropenhg., 1902, 6, 362.
- 308.3 von Linstow, O. The American hook-worm in chimpanzees. Amer. Med., 1903, 6, 611.
- 308.4 Shipley, A. E. Notes on ento-parasites from the Zoological Gardens, London, and elsewhere. Proc. Zool. Soc. Lond., 1905, 1, 248-253.
- 308.5 Weinberg, M. Cystes vermineux du gros intestin chez les chimpanzees et les singes inferieuers. (Worm cysts in the large intestine of chimpanzees and the inferior apes.) C. R. Soc. Biol., Paris, 1906, 60, 446-447.
- 308.6 Railliet, A., & Henry, A. Sur la classification des Strongylidae: I. Metastrongylinae. (On the classification of strongylidae: I. Metastrongylinae.) C. R. Soc. Biol. Paris, 1909, 66, 85-88.
- 308.7 Railliet, A., & Henry, A. Observations sur les Strongylides du genre "Nematodirus." (Studies on the strongylides of the genus Nematodirus.) Bull. Soc. Path. exot., 1912, 5, 35-39.
- 308.8 Brumpt, E., & Joyeux, C. Sur un infusoire nouveau, parasite du chimpansee, Troglodytella abrassarti, n.g., n. sp. (On a new infusoria parasite of the chimpanzee. Troglodytella abrassarti.) Bull. Soc. Path. Exot., 1912, 5, 499-503.
- 308.9 Railliet, A., Henry, A., & Joyeux, C. Sur deux trematodes de primates. (On two trematodes of primates.) Bull. Soc. Path. exot., 1912, 5, 833-837.
- 308.10 Kellogg, V. L. Ecto parasites of the monkey, apes, and man. Science, 1913, 38, 601.
- 308.11 Henry, A., & Joyeux, C. Contribution a la faune helminthologique de la Houte-Guinee francaise. (Contributions to helminthology of the French Houte-Guinee.) Bull. Soc. Path. exot., 1920, 13, 176-182.
- 308.12 Blacklock, B., & Adler, S. Parasites of the chimpanzee. Ann. trop. Med. Parasit., 1922, 16, 99-106.

- 308.13 Blacklock, B., & Adler, S. The pathological effects produced by strongloides in a chimpanzee. Ann. trop. Med. Parasit., 1922, 16, 283-290.
- 308.14 Christeller, E. Ueber die Balantidienruhr bei den Schimpansen des Berliner Zoologischen Gartens. (Balantidium-caused dysentery in the chimpanzee of the Berlin Zoo.) Virchow's Archiv., 1922, 238, 396-422.
- 308.15 Thornton, H. The relationship between the ascarids of man, pig and chimpanzee. Ann. Trop. Med. Parasit., 1924, 18, 99-100.
- 308.16 Duke, H. L. Polymorphic trypanosomes of the T. Brucei group recovered from the Mwanza sleeping sickness area. Am. Trop. Med. Parasit., 1924, 18, 415-435.
- 308.17 Pillers, A. W. N. Ascaris lumbriocides causing fatal lesions in a chimpanzee. Ann. Trop. med. Parasit., 1924, 30, 101-102.
- 308.18 Suldey, E. W. Dysenterie amibienne spontanee du chimpanze. (Troglodytes niger.) (Spontaneous amoebic dysentery in the chimpanzee.) Bull. Soc. Path. Exot., 1924, 17, 771-773.
- 308.19 Ziemann, H. Einige Bemerkungen zur Balantidium coli infektion bei Menschen und Schimpansen. (Some observations on Balantidium coli infection in humans and chimpanzees.) Arch. Schiffs-u. Trop. Hyg., 1925, 29, 434-448.
- 308.20 Deschiens, R. Chilomastix sp. observe chez le chimpanze, Anthropithecus troglodytes, et chez le macaque; Macacus sinenis. (Chilomastiz sp. observed in the Anthropithecus troglodytes chimpanzee, and in the Macacus sinenis monkey.) Bull. Soc. Pat. exot., 1926, 19, 794-798.
- 308.21 Deschiens, R. Sur les protozoaires intestinaux des singes. (About intestinal protozoa of the apes.) Bull. Soc. Path. exot., 1927, 20, 19-23.
- 308.22 Nicoll, W. A reference list of the trematode parasites of man and the primates. Parasitology, 1927, 19, 338-351.
- 308.23 Cram, E. B. A species of the cestode genus, Bertiel in man and the chimpanzee in Cuba. Amer. J. trop. Med., 1928, 8, 3390344.
- 308.24 Troisier, J. L'infestation du chimpanzee par un nematode du genre Hepaticola. (Infection of a chimpanzee by a nematode of the genus hepaticola.) Bull. Soc. Path. exot., 1928, 21, 221-222.
- 308.25 Hegner, R. W., & Schumaker, E. Some intestinal amoebae and flagellates from the chimpanzee, three-toed sloth, sheep, and guinea pig. J. Parasitol., 1928, 15, 31-37.

308.26 Schumaker, E. Endamoeba in a chimpanzee. J. Parasitol., 1928, 14, 197-203.

308.27 Kirby, H. Notes on some parasites from the chimpanzee. Proc. Soc. exp. Biol., 1928, 25, 608-670.

308.28 Curasson, G. C. Troglodytella abrassarti infusoire pathogene du chimpanze. (Troglodytella abrassarti, pathogenic infusorinm of the chimpanzee.) Ann. Parasit., 1929, 7, 446-448.

308.29 Weidman, F. O. Mycosis in lower animals. Arch. Path., 1929, 8, 1019--1020.

308.30 Stiles, C.W., & Nolan, M.O. Key catalogue of primates for which parasites are reported. Bull. U.S. Hyg. Lab., 1929, 152, 499-601.

308.31 Cameron, T.W.M. The species of enterobius leach in primates. J. Helminthology, 1929, 7, 161-182.

308.32 Troisier, J., & Deschiens, R. Deux cas d'oxyurose chez le chimpanze travers de la paroi intestinale jusqu' au peritone, (Two cases of oxyurosis in the chimpanzee across the wall of the intestine reaching the peritoneum.) Ann. Parasit. Comp. hum., 1930, 8, 562-565.

308.33 Grigorowa, O., & Nesturch, M. Filariose bei jungen Schimpanzen. (Filariasis in young chimpanzees.) Zbl. Bakt., 1930, 117, 616-628.

308.34 Torres, O. Microfilario perstons e sua frequencia nos chimpanzes. (The frequency of microfilaria in the chimpanzee.) Arch. Soc. Biol. Montevideo, 1931, 1232-1236.

308.35 Travassos, L., & Vogelsang, E. Pesquisas helminthologicas realisadas em Hamburgo. X. Contribuicao ao conhecimento das especies de Oesaphagostomum des primates. (Helminthological investigations realized in Hamburg. X. Contributions to the knowledge of the species Oesaphagostomum in the primates.) Mem. Inst. Osw. Cruz, 1932, 26, 251-328.

308.36 Nelson, E.C. Observations on two ciliates, a species of Balantidium and a species of Troglodytella from the chimpanzee. J. Parasitol., 1932, 18, 307-308.

308.37 Swezey, W.W. The transition of Troglodytella abrassarti and Troglodytella abrassarti acuminata, intestinal flagellates from the chimpanzee from one type to another. J. Parasitol., 1932, 19, 12-16.

- 308.38 Ewing, H.E. A new sucking louse from the chimpanzee. Proc. Biol. Soc., 1932, 45, 117-118.
- 308.39 Wigglesworth, V.B. Exhibition of a new species of sucking louse from a chimpanzee. Proc. zool. Soc. Lond., 1932, 815.
- 308.40 Nelson, E.C. The feeding reactions of Balantidium coli from the chimpanzee and the pig. Amer. J. Hyg., 1933, 18, 185-201.
- 308.41 Faust, E.C., & Kagy, E.S. Experimental studies on human and primate species of Strongyloides. I. The variability and instability of types. Amer. J. trop. Med. 1933, 13, 47-65.
- 308.42 Hegner, R.W. Protozoa from the intestine of chimpanzee. J. Parasitol., 1933, 12, 146.
- 308.43 Atchley, F.O. The cultivation of the Balantidium of the chimpanzee in fecal extract. J. Parasit., 1933, 20, 144.
- 308.44 Nelson, E.C. Observations and experiments on the conjugation of the Balantidium from the chimpanzee. Amer. J. Hyg., 1934, 20, 106-134.
- 308.45 Hegner, R.W. Intestinal protozoa of chimpanzees. Amer. J. Hyg., 1934, 19, 480-501.
- 308.46 Swezey, W.W. Cytology of Troglodytella abrassarti an intestinal ciliate of the chimpanzee. J. Morph., 1934, 56, 621-635.
- 308.47 Scheidegger, S., & Kreis, H.A. Ueber Helminthiasis beim Schimpansen. (Concerning helminthiasis in chimpanzees.) Z. Parasitenk., 1934, 7, 44-60.
- 308.48 Atchley, F.O. Balantidium of the chimpanzee in a white rat. Proc. helm. Soc. Wash., 1934, 1, 23.
- 308.49 Grigorowa, O., & Nesturch, M. Filariasis in young chimpanzees. Trans Lab. exp. Biol., Moscow, 1934, 6, 210.
- 308.50 Nelson, E.C. Cultivation and cross infection experiments with Balantidia from the pig, chimpanzee, guinea pig and Macacus rhesus. Amer. Jour. Hyg., 1935, 22, 26-43.
- 308.51 Swezey, W.W. Cultivation of Troglodytella abrassarti, a parasitic ciliate of the chimpanzee. J. Parasitol., 1935, 21, 10.
- 308.52 Schmid, F. Parasiten als Todesursache bei Zootieren. (Parasites au causes of death in zoo animals.) Dtsch. tierarztl. Wschr., 1937, 45, 797-798.

308.53 Augstine, D. L. Some observations on some ascarids from a chimpanzee *Pan troglodytes* with experimental studies on the susceptibility of monkeys *Macacus mulatta* to infection with human and pig ascaris. Amer. J. Hyg., 1938, 30, 29-33.

308.54 Rodhain, J., & van den Berghe, L. *Paroboa anthropopithei* genre et espece nouveaus de *Tilarddea* chez le chimpanze du congo belg. (*Paroboa anthropopithecus* genre and a new species of *Tilarddea* in the chimpanzee of the Belgian Congo.) Ann. Soc. Belge. Med. trop., 1939, 19, 445-452.

308.55 Buxton, P. A. The parasitology of scabies. Brit. Med. J., 1941, 397-401.

308.56 Moorman, A. E. *Balantidium coli* and pinworm in a chimpanzee J. Parasitol., 1941, 27, 366.

308.57 Nelson, E. C. The cultivation of a species of *Troglodytella*, a large ciliate from the chimpanzee. Science, 1942, 75, 317-318.

308.58 Urbaine, A., & Nouvel, J. Petite enzootie de strongyloidose observee sur les singes superieurs. (Small infection of strongyloidose observed in higher apes.) Bull. Acad. Vet. Fr., 1944, 17, 337-341

308.59 Desportes, C. Sur *Strongyloides stercoralis*, Bravay 1876 et les *Strongyloides* de primates. (About *Strongyloides stercoralis*, Bravay 1876, and the *Strongyloides* of primates.) Ann. Parasit., 1945, 20, 160-190.

308.60 Thiel, P. H., et al. Presence de *Prosthenorchis spirula* chez les chimpanzees. Son role pathogene et son developpement. (Presence of *Prosthenorchis spirula* in chimpanzees. Its pathogenic role and development.) Ann. Parasit. hum. comp., 1945, 20, 304-320.

308.61 Stabler, R. M. Ingestion processes on *Endamoeba Protozoa*. J. Parasitol., 1945, 31, 79-81.

308.62 Peel, E., & Chardome, M. Sur des filarides de chimpanzees, *Pan paniscus* et *Pan satyrus* au Congo Belge. (On some filarides of chimpanzees. *Pan paniscus* and *Pan satyrus* of the Belgian Congo.) Ann. Soc. belge. Med. Trop., 1946, 26, 117-156.

308.63 Rodhain, J. Corollaire a l'etude de E. Peel et M. Chardome sur les filaries de chimpanzes au Congo belge. (Corollary to the study of E. Peel and M. Chardome on the filaria of chimpanzees of the Belgian Congo.) Ann. Soc. belge. Med. Trop., 1946, 26, 157-160.

308.64 Peel, E. & Chardome, M. Note preliminaire sur des filarides de chimpanzees, *Pan paniscus* et *Pan satyrus* au Congo Belge. (Preliminary notes on some filarides of chimpanzees *Pan paniscus* and *Pan satyrus* of the Belgian Congo.) Rec. Soc. med. Congo Belge, 1946, 5, 244-245.

- 308.65 Van Thiel, P.H., & Bruss-Wiegand, C.J.E. The presence of Prosthenorchis spirula in the chimpanzee, its pathogenic role and its development in Blatella germanica. Act. Leidensia Scholae Med. Trop., 1947, 18, 200-219.
- 308.66 Peel, E., & Chardome, M. Note complementaire sur des filarides de chimpanzee pan paniscus et pan satyrus au Congo Belge. (Complementary note on some filarides of chimpanzees Pan paniscus and Pan satyrus of the Belgian Congo.) Ann. Soc. Belge. Med. Trop., 1947, 27, 241-250.
- 308.67 Rodhain, J. Recent advances in the field of filariasis and filarial worms. Documenta Neerland. et. Indonesica Morbis Trop., 1950, 2, 130-132.
- 308.68 Grzimek, B. Tod durch Lungenmilben bei einem Schimpanse. (Death from pulmonary mites in a chimpanzee.) Zool. Gart., Lpz., 1951, 18, 249.
- 308.69 Porter, A. Report of the honorary parasitologist for the year 1952. Proc. zool. Soc. Lond., 1953, 123, 253-257.
- 308.70 Dollfus, R.P. Variete apparemment genotypique de concinnum brumpti chez un chimpanze. (Apparent genotype variety of concinnum brumpti in a chimpanzee.) Bull. Soc. pathol. exat., 1954, 47, 826-833.
- 308.71 Webber, W.A.F. The filarial parasites of primates: A review. II. Loa, Protifilaria, and Parlitomosa, with notes on incompletely identified adult and larval forms. Ann. trop. Med. Parasit., 1955, 49, 235-249.
- 308.72 Rousselot, R. Pathology of anthropoides, The localization and true incidence of D. vanhoofi. Bull. Soc. Pathol. exot., 1955, 48, 59-61.
- 308.73 Rodhain, J. The location of D. vanhoofi in the chimpanzee. Bull. Soc. Pathol. exot., 1955, 48, 672-677.
- 308.74 Webber, W.A.F. The filarial parasites of primates: A review. I. Dirofilaria and Dipetalonema. Ann. trop. Med. Parasit., 1955, 49, 123-141.
- 308.75 Fremming, B.D., Vogel, F. S., Young, R. J., & Benson, R. E. A fatal case of amebiasis with liver abscesses and ulcerative colitis in a chimpanzee. Jour Amer. Vet. Med. Assoc., 1955, 126, 406-407.
- 308.76 Jacobs, L. Propagation, morphology, and biology of Toxoplasma. Ann. N.Y. Acad. Sci., 1956, 64, 154-179.
- 308.77 Chabaud, A.G., & Rousselot, R. Sur quelques filaire d'Afrique equatoriale. (About some species of filaria in Equitorial Africa.) Ann. Parasit. hum. comp., 1956, 31, 53-98.

- 308.78 Garnham, P.C.C., & Bray, R.S. The susceptibility of the higher primates to piroplasms. J. Protozool., 1959, 6, 352-355.
- 308.79 Stam, A.B. Fatal ascariasis in a dwarf chimpanzee. Ann. Parasit. hum. comp., 1960, 35, 675.
- 308.80 Bray, R.S., & Garnham, P.C.C. Failure to infect splenectomized primates with Theileria parva. J. Parasit., 1961, 47, 538.
- 308.81 Grinker, J.A., Kavlin, D.A., & Estrella, P.M. Lung mites: Pulmonary acariasis in the primate. Aerospace Med., 1962, 33, 841-845.
- 308.82 Liebegott, G. Vermicious pericarditis in chimpanzees, due to Strongyloides. Virchows Arch., 1962, 335, 211-225.
- 308.83 Sharma, N.N., & Bourne, G.H. Histochemical studies on the distribution of oxidative enzymes in Balantidium coli from chimpanzees. Acta anat. (Basel), 1963, 55, 112-123.
- 308.84 Williamson, W.M., Tilden, E.B. & Getty, R.E. Mycotic infections occurring during an eight year period at Chicago Zoological Park, Brookfield, Illinois. Bijdr. Dierk., 1963, 33, 83-85.
- 308.85 Garnham, P.C.C. An introduction to protozoal immunity. Chapter 1 in Immunity to protozoa, A symposium. P.C.C. Garnham, A.E. Pierce & I. Roitt, eds. Philadelphia, F.A. Davis Company, 1963.
- 308.86 Sharma, N.N., & Bourne, G. H. Histochemical studies on the distribution of monoamine oxidase, simple esterase and glucose-6-phosphates in Balantidium coli from chimpanzees. Acta histochem. (Jena), 1964, 17, 293-301.
- 308.87 Lucasse, C. Fluorescent antibody test as applied to cerebrospinal fluid in human sleeping sickness. Bull. Soc. Path. exot., 1964, 56, 283-292. Abstract: Biol. Abstr., 1965, 46, #76543.
- 308.88 van den Berghe, L. Chardome, M. & Peel, E. The filarial parasites of the eastern gorilla in the Congo. J. Helminth., 1964, 38, 349-368, 2 pls.
- 308.89 Thienpont, D., Mortelmans, J., & Vercruyse, J. Le traitement de la trichuriose et de la capillariose d'animaux tenus en captivité. (Treatment of trichinosis and capillariasis of animals in captivity.) T. Diergeneesk., 1964, 89 (suppl. 1), 115-120.
- 308.90 DePaoli, A. Schistosoma Haematobium in the chimpanzee: A natural infection. Amer. J. Trop. Med. & Hyg., 1965, 14, 4.

- 308.91 Mill, J. Erfahrungen mit dem Piperazinpräparat Piavetrin--Bernburg als Anthelmintikum bei Zootieren. (Results of experiments with the piperazine preparation, piavetrin-Bernburg as an anthelmintik for zoo animals.) Zool. Gart. (Lpz.), 1965, NF30, 247-257.
- 308.92 Hilgenfeld, M. Toxoplasmose bei Zootieren. (Toxoplasmosis in zoo animals.) Zool. Gart. (Lpz.), 1965, 30, 262-270.
- 308.93 Elbl, A., Rahm, U. H. & Mathys, G. Les mammifères et leurs tiques dans la Forêt du Ruggege (République Rwandaise). (The Mammals and Their Ticks in the Ruggege Forest (Republic of Ruanda).) Acta trop. (Basel), 1966, 23, 223-263.
- 308.94 Sadun, E. H., von Lichtenberg, F. & Bruce, J. I. Susceptibility and comparative pathology of ten species of primates exposed to infection with Schistosoma mansoni. Amer. J. trop. Med. Hyg., 1966, 15, 705-718.
- 308.95 von, Lichtenberg, F., Smith, J. H. & Cheever, A. W. The Heoppli phenomenon in schistosomiasis. Comparative pathology and immunopathology. Amer. J. trop. Med. Hyg., 1966, 15, 886-895.
- 308.96 Nicoli, R. M., Latourelle, P. & Quilici, M. Le "genre" Sergentella E. Brumpt, 1910. (The genus Sergentella E. Brumpt, 1910.) Bull. Soc. Path. exot., 1964, 57, 1050-1058. Abstract: Biol. Abstr., 1966, 47, #79842.
- 308.97 Dunn, F. L. Patterns of parasitism in primates: phylogenetic and ecological interpretations, with particular reference to the Hominoidea. Folia primat., 1966, 4, 329-345.
- 308.98 Miller, M. J. & Bray, R. S. Entameba histolytica infections in the chimpanzee (Pan satyrus). J. Parasit., 1966, 52, 386-388.
- 308.99 Cosgrove, G. E. The trematodes of laboratory primates. Lab. Anim. Care, 1966, 16, 23-39.
- 308.100 VanRiper, D. C., Day, P. W., Fineg, J., & Prine, J. R. Intestinal parasites of recently imported chimpanzees. Lab. Anim. Care, 1966, 16, 360-363.
- 308.101 Sadun, E. H., von Lichtenberg, F., Hickman, R. L., Bruce, J. I., Smith, J. H. & Schoenbechler, M. J. Schistosomiasis mansoni in the chimpanzee: Parasitologic, clinical, serologic, pathologic and radiologic observations. Amer. J. trop. Med. Hyg., 1966, 15, 496-506. Abstract: Biol. Abstr., 1967, 48, #9821.
- 308.102 Vogel, H. Experimentelle Infektionen mit Schistosoma haematobium an Mangaben und Schimpansen. (Experimental infection of the mangabey and chimpanzee with Schistosoma haematobium.) Ann. Soc. belg. Med., trop., 1967, 47, 107-115, 2 pl.

308.103 Duke, B.O.L. Moore, P.J. & de Leon, J.R. Onchocerca-Simulium complexes: V. The intake and subsequent fate of microfilariae of a Guatemalan strain of Onchocerca volvulus in forest and Sudan-savanna forms of West African Simulium damnosum. Ann. trop. Med. Parasit., 1967, 61, 332-337. Abstract: Biol. Abstr., 1969, 50, #38943.

308.104 Worms, M.J. Parasites in newly imported animals. J. Inst. Anim. Tech., 1967, 18, 39-47.

308.105 Otcenášek, M., Dvorák, J. & Ladzianska, K. Trichophyton rubrum-like dermatophyte as a causative agent of dermatophytosis in chimpanzees. Mycopathologia (Den Haag), 1967, 31, 33-37.

308.106 Rijpstra, A.C. Sporocysts of Isospora sp. in a chimpanzee (Pan troglodytes, L.). Proc. kon. ned. Akad. Wet., 1967, C70, 395-401, 2 pl.

308.107 Godfrey, D.G. & Killick-Kendrick, R. Cyclinically transmitted infections of Trypanosoma brucei, T. rhodesiense and T. gambiense in chimpanzees. Trans. roy. Soc. trop. Med. Hyg., 1967, 61, 781-791.

308.108 Loew, F.M. A review of some helminths of laboratory animals. Cornell Vet., 1968, 58, 408-421.

308.109 Reardon, L.V. & Rininger, B.F. A survey of parasites in laboratory primates. Lab. Anim. Care, 1968, 18, 577-580.

308.110 Kim, K.C. & Emerson, K.C. Descriptions of two species of Pediculidae (Anoplura) from great apes. (Primates, Pongidae). J. Parasit., 1968, 54, 690-695.

308.111 Li Hsü, S.Y. & Hsü, H.F. The strain complex of Schistosoma japonicum in Taiwan, China. Z. Tropenmed. Parasit., 1968, 19, 43-59.

308.112 Price, W.F., Jr. What is your diagnosis: /Helminthiasis./ J. Amer. vet med. Ass., 1969, 155, 1267-1268.

308.113 Neal, R.A. Intestinal protozoa of simians as a handling hazard. Lab. Anim. Handb., 1969, 4, 77-81.

308.114 Hsü, H.F., Davis, J.R. & Hsü, S.Y.L. Histopathological lesions of rhesus monkeys and chimpanzees infected with Schistosoma Japonicum. Z. Tropenmed. Parasit., 1969, 20, 184-205.

308.115 Kuntz, R.E. & Myers, B.J. Parasitic protozoa, commensals and helminths of chimpanzees imported from the Republic of the Congo. Pp. 184-190 in Proceedings of the second international congress of primatology, vol. 3, H.O. Hofer, ed. Basel, S. Karger, 1969.

308.116 Varela, G. Pinto experimental en el chimpancé. (Experimental spots in the chimpanzee). Salud publ. Mex., 1969, 11, 37-38.

308.117 Cheever, A. W. Quantitative comparison of the intensity of Schistosoma mansoni infections in man and experimental animals. Trans. roy. Soc. trop. Med. Hyg., 1969, 63, 781-795.

308.118 Sadun, E. H., von Lichtenberg, F., Cheever, A. W. & Erickson, D. G. Schistosomiasis mansoni in the chimpanzee. The natural history of chronic infections after single and multiple exposures. Amer. J. trop. Med. Hyg., 1970, 19, 258-277.

308.119 Sadun, E. H., Von Lichtenberg, F., Cheever, A. W., Erickson, D. G. & Hickman, R. L. Experimental infection with Schistosoma haematobium in chimpanzees. Parasitologic, clinical, serologic, and pathological observations. Amer. J. trop. Med. Hyg., 1970, 19, 427-458, 898.

308.120 Kuhn U. S. G., III, Medina, R., Cohen, P. G. & Vegas, M. Inoculation pinta in chimpanzees. Brit. J. vener. Dis., 1970, 46, 311-312.

308.121 Orihel, T. C. Filariasis in Chimpanzees. In G. H. Bourne (Ed.), The chimpanzee, vol. 3. Baltimore: University Park Press, 1970, Pp. 56-70.

308.122 Kuhn, U. S. G. The Treponematoses. In G. H. Bourne (Ed.), The chimpanzee, vol. 3. Baltimore: University Park Press, 1970. Pp. 71-81.

308.123 Sadun, E. H. & Gore, R. W. Schistosoma mansoni and S. haematobium: Homocytotropic reagin-like antibodies in infections of man and experimental animals. Exp. Parasit., 1970, 28, 435-449.

308.124 Garham, P. C. C. Primate malaria. Pp. 767-791 in Immunity to parasitic animals, G. J. Jackson, F. Herman & I. Singer, (Eds.), New York, Appleton-Centruy-Crofts, 1970.

308.125 Schmidt, R. E. & Butler, T. M. Esophageal candidiasis in a chimpanzee. J. Amer. vet. med. Ass., 1970, 157, 722-723.

308.126 Jesse, M. T., Schilling, P. W. & Stunkard, J. A. Identification of intestinal helminth eggs in Old World primates. Lab. Anim. Care, 1970, 20, 83-87.

308.127 Dunn, F. L. Natural infection in primates: Helminths and problems in primate phylogeny, ecology, and behavior. Lab. Anim. Care, 1970, 20 383-388.

308.128 Chitwood, M. Comparative relationships of some parasites of man and Old and New World subhuman primates. Lab. Anim. Care, 1970, 20, 389-394.

- 308.129 Orihel, T. C. The helminth parasites of nonhuman primates and man. Lab. Anim. Care, 1970, 20, 395-401.
- 308.130 Hull, W. B. Respiratory mite parasites in nonhuman primates. Lab. Anim. Care, 1970, 20, 402-406.
- 308.131 Schmidt, R. E. & Prine, J. R. Severe enterobiasis in a chimpanzee. Path. vet., 1970, 7, 56-59.
- 308.132 Li Hsu, S. Y. Immunization against Schistosoma japonicum in chimpanzees by administration of x-irradiated cercariae. Trans. roy. Soc. trop. Med. Hyg., 1970, 64, 597-600.
- 308.133 Lucasse, C. Fluorescent antibody tests applied to serum of patients with gambian sleeping sickness. Trop. geogr. Med., 1970, 22, 227-236.
- 308.134 von Lichtenberg, F., Sadun, E. H., Cheever, A. W., Erickson, D. G., Johnson, A. J. & Boyce, H. W. Experimental infection with Schistosoma japonicum in chimpanzees: Parasitologic, clinical, serologic, and pathological observations. Amer. J. trop. Med. Hyg., 1971, 20, 850-893.
- 308.135 Baker, J. R. & Taylor, A. E. R. Experimental infections of chimpanzee (Pan troglodytes) with Trypanosoma brucei brucei and Trypanosoma brucei rhodesiense. Ann. trop. Med. Parasit., 1971, 65, 471-485.
- 308.136 Draper, C. C., Killick-Kendrick, R., Hutchison, W. M., Siim, J. C. & Garnham, P. C. C. Experimental toxoplasmosis in chimpanzees. Brit. med. J., 1971, 2, 375-378.
- 308.137 Durfee, P. T. Animal reservoirs of the human schistosomes in Africa: A review of the literature. Chin. J. Microbiol., 1971, 4, 88-96.
- 308.138 Orihel, T. C. Necator americanus infection in primates. J. Parasit., 1971, 57, 117-121.
- 308.139 Williams, J. S., Sadun, E. H., Gore, R. W. A radioactive antigen microprecipitin (RAMP) assay for schistosomiasis. J. Parasit., 1971, 57, 220-232.
- 308.140 Kuhn, U. S. G., III. Humoral aspects of treponematoses of chimpanzees. Pp. 761-765 in Medical primatology 1970, E. I. Goldsmith & J. Moor-Jankowski, Eds. Basel: S. Karger, 1971.
- 308.141 Orihel, T. C. Primates as models for parasitological research Pp. 772-782 in Medical primatology 1970, E. I. Goldsmith & J. Moor-Jankowski, Eds. Basel: S. Karger, 1971.

308.142 Mortelmans, J., Vercruyse, J. & Kageruka, P. Three pathogenic intestinal protozoa of anthropoid apes: Entamoeba histolytiea, Balantidium coli and Troglodytella abrassarti. Pp. 187-191 in Proceedings of the third international congress of primatology, Zurich 1970, vol. 2, J. Biegert & W. Leutenegger, Eds. Basel: S. Karger, 1971.

308.143 Janin, J. M., Creemers, J. & Mortelmans, J. Contribution a l'étude de l'ultranstructure de Troglodytella abrassarti Brumpt et Joyeux 1912. (Contribution to the study of the "fine-structure" of Troglodytella abrassarti of Brumpt and Joyce's (paper of) 1912) Pp. 181-186 in Proceedings of the third international congress of primatology, Zurich 1970, vol. 2, J. Biegert & W. Leutenegger, Eds. Basel: S. Karger, 1971.

308.144 Duncan, W. P. & Kuhn, U. S. G., III. Reactivity of treponemal and nontreponemal tests with cerebrospinal fluid from syphilitic chimpanzees. J. infect. Dis., 1972, 125, 61-65.

308.145 Gibbs, C. J., Jr. & Gajdusek, D. C. Transmission of scrapie to the cynomolgus monkey (Macaca fascicularis). Nature (Lond.), 1972, 236, 73-74.

309.00 Infections (Bacterial)

- 309.1 Grunbaum, A. S. F. Experimentally inoculated syphilis in a chimpanzee. Lancet, 1907, 1286-1297.
- 309.2 Weinberg, M., & Mello, U. Un cas paratyphoïde avec lesions d'aspect typhique chez le chimpanze. (A case of paratyphoid with lesions of the typhoid aspect in the chimpanzee.) Bull. Soc. Path. exot., 1909, 2, 11.
- 309.3 Burnet, E. Diphterie experimentale chez le chimpanze. (Experimental diphteria in the chimpanzee.) Ann. Inst. Pasteur, 1910, 24, 114-124.
- 309.4 Fahrenholz, H. Diagnosen neuer Anopluren. (Diagnoses of a new anoplura). Zool. Anz., 1910, 35, 714-715.
- 309.5 Wilbert, R., & Delmorrne, M. J. Sur une spirochetose icterohemorragique du chimpanze transmissible a l'homme. (On an icterohemorragic spirochetose of chimpanzees transmissible to man.) Am. Inst. Pasteur, 1927, 41, 1139-1155.
- 309.6 Wilbert, R., & Delmorrne, M. J. Note sur la spirochetose icterohemorragique du chimpanzee. (Note on the icterohemorragic spirochetose of the chimpanzee.) C. R. Soc. Biol., Paris, 1928, 98, 343-345.
- 309.7 Doches, A. R., Mills, K. C., & Kneeland, Y. Variation of H. influenzae during acute respiratory infection in chimpanzees. Proc. Soc. exp. Biol., 1932, 30, 314-316.
- 309.8 David, H., & Schirl, A. Ueber Ruhrerkrankungen bei Menschenaffen. (Dysenteries among anthropoid apes.) Zentralbl. Bakt. I. Abt. Orig., 1939, 144, 43-54.
- 309.9 Rife, C. Tubercular peritonitis in a chimpanzee. Georgia Veterinarian, 1951, 3, 10.
- 309.10 Gunders, A. E. Pneumococcal peritonitis in a male chimpanzee. J. trop. m. Hyg., 1957, 60, 100-102.
- 309.11 Albrink, W. S., & Goodlow, R. J. Experimental inhalation anthrax in the chimpanzee. Amer. J. Path., 1959, 35, 1055-1065.
- 309.12 Wilson, B. J. Comparative susceptibility of chimpanzees and Macaca mulatta monkeys to oral administration of partially purified staphylococcal enterotoxin. J. Fact., 1959, 78, 240-242.

309.13 Williamson, W. M., Tilden, E. B. & Getty, R. E. Enteric infections occurring during an eight year period at Chicago Zoological Park, Brookfield, Illinois. Bijdr. Dierk., 1963, 33, 87-88.

309.14 Rust, J. H., Cavanaugh, D. C., Kadis, S., & Ajl, S. J. Plague toxin: Its effect in vitro and in vivo. Science, 1963, 142, 408-409.

309.15 Strutton, W. H. A case report of coccidioides immitis in an immature chimpanzee. Aeromedical Research Laboratory Technical Report No. 64-16, Holloman Air Force Base, New Mexico, 1964.

309.16 Berdjis, C. C., & Gleiser, C. A. Experimental subcutaneous anthrax in chimpanzees. Exp. molec. Path., 1964, 3, 63-75.

309.17 Binford, C. H. The inoculation of human leprosy in the chimpanzee, initiation of a long-term project. Int. J. Leprosy, 1965, 33, 666-668.

309.18 Currie, J. A., Marshall, J. D., Jr., & Crozier, D. The detection of Pasteurella pseudotuberculosis antibodies by the microhemagglutination test. J. infect. Dis., 1966, 117-122.

309.19 Coulston, F., Soike, K. F. & Day, P. W. Study of microbiologic flora of the reproductive tract of the chimpanzee. 6571st Aeromed. Res Lab. Tech. Rep. No. ARL-TR-67-7, Holloman Air Force Base, New Mexico, 1967, ix, 61 pp.

309.20 Felsenfeld, O. Relationship of immune globulins to antibodies in cholera. Bull. Calcutta Sch. trop. Med., 1967, 15, 112-113.

309.21 Lincoln, R. E., Walker, J. S. Klein, F., Rosenwald, A. J. & Jones, W. I., Jr. Value of field data for extrapolation in anthrax. Fed. Proc., 1967, 26, 1558-1562.

309.22 Fain, A. Etude de la variabilite de Sarcoptes scabiei avec une revision des Sarcoptidae. (A study of the variability of Sarcoptes scabiei with a revision of Sarcoptidae.) Acta Zool. Path. (Antver.), 1968, (47), 1-196.

309.23 Vick, J. A., Lincoln, R. E., Klein, F., Mahlandt, B. G., Walker, J. S. & Fish, D. C. Neurological and physiological responses of the primate to anthrax toxin. J. infect. Dis., 1968, 118, 85-96.

309.24 Gotschlich, E. C., Goldschneider, I. & Artenstein, M. S. Human immunity to the meningococcus. IV. Immunogenicity of group A and group C meningococcal polysaccharides in human volunteers. J. exp. Med., 1969, 129, 1367-1384.

309.25 Fribourg-Blanc, A. & Mollaret, H. H. Natural treponematosis of the African primate. Primates in Med., 1969, 3, 113-121.

309.26 Ratner, J. J. Pinkerton, M. E., Kalter, S. S. & Guilloud, N. B. Antibodies in nonhuman primate to selected bacterial antigens. Z. Versuchstiere, 1969, 11, 146-154.

309.27 Brown, W. J., Kuhn, U. S. G., Tolliver, E. A. & Norins, L. C. Experimental syphilis in the chimpanzee. Immunoglobulin class of early antibodies reactive with Treponema pallidum. Brit. J. vener. Dis., 1970, 46, 198-200.

309.28 Hanson, A. W. Isolation of spirochaetes from primates and other mammalian species. Brit. J. vener. Dis., 1970, 46, 303-306.

309.29 Krushak, D. H., Zimmerman, R. A. & Murphy, B. L. Induced group A beta-hemolytic streptococcal infection in chimpanzees. J. Amer. vet med. Ass., 1970, 157, 742-744.

309.30 Zimmerman, R. A., Krushak, D. H., Wilson, E. & Douglas, J. D. Human streptococcal disease syndrome compared with observations in chimpanzees. II. Immunologic responses to induced pharyngitis and effect of treatment. J. infect. Dis., 1970, 122, 280-289.

309.31 Greenberg, B. & Sanati, M. Enteropathogenic types of Escherichia coli from primates and cockroaches in a zoo. J. med. Entomol., 1970, 7, 744.

309.32 Lucas, C. T., Chandler, F., Martin, J. E. & Schmale, J. D. Transfer of gonococcal urethritis from man to chimpanzee: Animal model for gonorrhea. J. Amer. med. Ass., 1971, 216, 1612-1614.

309.33 Schmidt, R. E. & Butler, T. M. Klebsiella-Enterobacter infections in chimpanzees. Lab. Anim. Sci., 1971, 21, 946-949.

309.34 Taranta, A., Goldstein, G., Spangnuolo, M., Davidson, M. & Uhr, J. W. Experimental streptococcal infections in nonhuman primates. Pp. 748-760 in Medical primatology 1970, E. I. Goldsmith & Moor-Jankowski, Eds. Basel, S. Karger, 1971.

310.00 Infections (Malaria)

- 310.1 Mesnil, F., & Rouband, E. Sur la sensibilite du chimpanze au paludisme humain. (Sensitivity of the chimpanzee to human malaria.) C. R. Acad. Sci., Paris, 1917, 165, 39-41.
- 310.2 Mesnil, F., & Rouband, E. Essais d'inoculation du paludisme au chimpanze. (Essays on malarial inoculation of a chimpanzee.) Ann. Inst. Pasteur, 1920, 34, 466-480.
- 310.3 Adler, S. Malaria in chimpanzees in Sierra Leone. Ann. trop. Med. Parasit., 1923, 17, 13-18.
- 310.4 Blacklock, B., & Adler, S. A Malaria parasite of the chimpanzee. Ann. trop. Med. Parasit., 1924, 21, 609.
- 310.5 Schwetz, J. Sur une infection malarienne triple d'un chimpanze. (Concerning a triple malarial infection of a chimpanzee.) Zhl. Bakt., 1933, 130, 105-110.
- 310.6 Rodhain, J. Les plasmodiums des anthropoides de l'Afrique centrale et leurs relation avec les Plasmodiums Humains. (The plasmodia of Central African anthropoids and their relations with the human Plasmodia.) Ann. Soc. Belge Med. Trop., 1939, 19, 563-570.
- 310.7 Rodhain, J., & Muyné, G. Sur la specificite de Plasmodium des anthropoides de l'Afrique centrale. (On the specificity of the plasmodium of Central African anthropoids.) Comp. Rend. Soc. Biol., 1939, 131, 114-117.
- 310.8 Rodhain, J. La receptivite du chimpanze Pan satyrus au Plasmodium vivax. (The receptivity of Pan satyrus chimpanzee to Plasmodium vivax.) C. R. Soc. Biol., Paris, 1939, 132, 69-70.
- 310.9 Brumpt, E. Les parasites du paludisme des chimpanzees. (The malarial parasites of the chimpanzee.) Soc. Bioi., Paris, 1939, 130, 837-840
- 310.10 Rodhain, J., & Tasman, L. Le comportement de Plasmodium Schwegtzi du chimpanze vis-a-vis des reticulocytes. (The reaction of Plasmodium schwegtzi of the chimpanzee against reticulocytes.) Ann. Soc. belge. Med. Trop., 1940, 20, 83-90.
- 310.11 Rodhain, J., & Dellaert, R. L'infection a Plasmodium malariae du chimpanzee, chez l'homme. (Infection of man with the Plasmodium malariae of the chimpanzee.) Ann. Soc. Belge. Med. trop., 1943, 23, 19-46.
- 310.12 Rodhain, J., & Lassman, P. Le comportement en culture suivant la methode de Bass des Plasmodiums de chimpanze. (The behavior of a culture of plasmodium of the chimpanzee using the Bass method.) Ann. Soc. Belge. Med. Trop., 1944, 24, 131-145.

310.13 Ruch, T. C. Bibliography of primate malaria. New Haven, Conn., privately printed, 1944, iv, 59 pp.

310.14 Aberle, S. D. Primate malaria. Nat'l. Res. Council Div. of med. Sci., 1945, 171.

310.15 Rodhain, J. Susceptibility of the chimpanzee to *P. malariae* of human origin. Amer. J. trop. Med., 1948, 28, 629-631.

310.16 Lefrow, G., & Martignoles, J Contribution to the study of Plasmodium of the chimpanzee. Inoculation of the chimpanzee with human *P. falciparum*. Bull. Soc. Pathol. exot., 1954, 47, 895-903.

310.17 Rodhain, J., & Dellaert, R. Contribution a l'etude du *Pl. schwetzi* E Brumpt. (3me note). L'infection a Plasmodium schwetzi chez l'homme. (Contribution to the study of the plasmodium schwetzi E. Brumpt. (third note) Infection of *Plasmodium schwetzi* in man.) Ann. Soc. belge. Med. trop., 1955, 35, 757-775.

310.18 Rodhain, J. Les formes pre-erythrocytes du Plasmodium vivax chez le chimpanzee. (The form of pre-erythrocytes of *Plasmodium vivax* in the chimpanzee.) Ann. Soc. Belge. Med. trop., 1956, 36, 99-103.

310.19 Garnham, P. C. C. Some observations on malaria parasites in a chimpanzee with particular reference to the persistence of *Plasmodium reichenowi* and *Plasmodium vivax*. Ann. Soc. Belge M. trop., 1956, 36, 811-820.

310.20 Bray, R. S. Studies on malaria in chimpanzees. I. The erythrocytic forms of *plasmodium reichenowi*. J. Parasit., 1956, 42, 588-592.

310.21 Rodhain, J. Paradoxical behavior of *Plasmodium vivax* in the chimpanzee. Trans. r. Soc. trop. Med. Hyg., 1956, 50, 287-293.

310.22 Bray, R. S. Studies on malaria in chimpanzees. II. *Plasmodium vivax*. Am. J. trop. Med., 1957, 6, 514-520.

310.23 Bray, R. S. Studies on malaria in chimpanzees. IV. *Plasmodium ovale*. Am. J. trop. Med., 1957, 6, 638-645.

310.24 Bray, R. S. Studies on malaria in chimpanzees. III. Gametogony of *plasmodium reichenowi*. Ann. Soc. belge M. trop., 1957, 37, 169-174.

310.25 Bray, R. S. Studies on malaria in chimpanzees. VI. *Laverania falciparum*. Amer. J. trop. Med., 1958, 7, 20-24.

310.26 Bray, R. S. Studies on malaria in chimpanzees. V. The sparogeneus cycle and mosquito transmission of *plasmodium vivax schweitzi*. J. Parasit., 1958, 44, 46-51.

- 310.27 Bray, R. S. Studies on malaria in chimpanzees. VII. The experimental transmission and pre-erythrocytic phase of Plasmodium malariae, with a note on the host-range of the parasites. Amer. J. trop. Med. Hyg., 1960, 9, 455-564.
- 310.28 Bray, R. S. & Gunders, A. E. Studies on malaria in chimpanzees. IX. The distribution of the pre-erythrocytic forms in Laverania fabipara. Amer. J. Trop Med. and Hyg., 1962, 11, 437-439.
- 310.29 Bray, R. S., Burgess, R. W., & Baker, J. R. Studies on malaria in chimpanzees. X. The presumed second generation of the tissue phase of Plasmodium ovale. Amer. J. trop Med. Hyg. 1963, 12, 1-12.
- 310.30 Bray, R. S., & Gunders, A. E. Studies on malaria in chimpanzees. XI. The early forms of the pre-erythrocytic phase of Laverania falcipara. Amer. J. trop. Med. Hyg., 1963, 12, 13-18.
- 310.31 Bray, R. S. Malaria infections in primates and their importance to man. Ergebn. Microbiol., 1963, 36, 168-213.
- 310.32 Bray, R. S. The exoerythrocytic phase of malaria parasites. Int. Rev. trop. Med., 1963, 2, 41-74.
- 310.33 Bray, R. S. The malaria parasites of anthropoid apes. J. Parasit., 1963, 49, 888-891.
- 310.34 Warren, Mc.W., & Wharton, R. H. The vectors of simian malaria: identity, biology and geographical distribution. J. Parasit., 1963, 49, 892-904.
- 310.35 Garnham, P. C. C. Distribution of simian malaria parasites in various hosts. J. Parasit., 1963, 49, 905-911.
- 310.36 Eyles, D. E., Dunn, F.L., Warren, M., & Guinn, E. Plasmodium coatneyi from the Philippines. J. Parasit., 1963, 49, 1038.
- 310.37 Corradetti, A. Speciation among plasmodia. Parasitologia, 1963, 3, 177-182.
- 310.38 Rodhain, J., & Jadin, J. La transmission du Plasmodium falciparum au chimpanzé splénectomisé. (Transmission of the Plasmodium falciparum to a chimpanzee whose spleen has been excized.) Ann. Soc. belge Med. trop., 1964, 44, 531-535.
- 310.39 Hoeden, J. van der. Simian malaria. Chapter 4 in Zoonoses, J. van der Hoeden, ed. Amsterdam, Elsevier Publishing Company, 1964.
- 310.40 Bray, R. S. Malaria, monkeys and man. Advanc. Sci., 1965, 22(95), 25-28.

- 310.41 Hickman, R. L., Gochenour, W. S., Jr., Marshall, J. D., Jr. & Guilloud, N. B. Drug resistant Plasmodium falciparum in the chimpanzee. Milit. Med., 1966, 131 (Suppl.), 935-943.
- 310.42 Bray, R. S. The origin of relapses in human and simian malaria infections. J. Fac. Med. Baghdad, 1967, n.s.9, 1-6.
- 310.43 Lupascu, G. Constantinescu, P., Negulici, E., Garnham, P. C. C., Bray, R. S., Killick-Kindrick, R., Shute, P. G. & Maryon, M. The late primary exo-erythrocytic stages of Plasmodium malariae. Trans. roy. Soc. trop. Med. Hyg., 1967, 61, 482-489, 2 pl.
- 310.44 Sadun, E. H. & Gore, R. W. Mass diagnostic test using Plasmodium falciparum and chimpanzee erythrocyte lysate. Exp. Parasit., 1968, 23, 277-285.
- 310.45 Bruce-Chwatt, L. J. Malaria zoonosis in relation to malaria eradication. Trop. geogr. Med., 1968, 20, 50-87.
- 310.46 Deschiens, R. & Bénex, J. Immunité naturelle, prémunition et immunité résiduelle dans le paludisme. (Natural immunity, pre-immunity and residual immunity in malaris.) Bull. Soc. Path. exot., 1966, 59, 570-585. Abstract: Biol. Abstract., 1969, 50 #82589.
- 310.47 Dunn, M. J. Alterations of red blood cell sodium transport during malarial infection. J. clin. Invest., 1969, 48, 674-684.
- 310.48 Collins, W. E., Orihel, T. C., Contacos, P. G., Jeter, M. H. & Gell, L. S. Some observations on the sporogonic cycle of Plasmodium schwetzi, P. vivax and P. ovale in five species of Anopheles. J. Protozool., 1969, 16, 589-596.
- 310.49 Hickman, R. L. The use of subhuman primates for experimental studies of human malaria. Milit. Med., 1969, 134, 741-756.
- 310.50 Ward, R. A., Rutledge, L. C. & Hickman, R. L. Cyclical transmission of Chesson vivax malaria in subhuman primates. Nature (Lond.), 1969, 224, 1126-1127.
- 310.51 Bray, R. S. Malaria in chimpanzees. Pp 413-424 in The chimpanzee: Anatomy, behavior, and diseases in chimpanzees, vol. 1, G. H. Bourne, Ed. Baltimore, University Park Press, 1969.
- 310.52 Contacos, P. G., Coatney, G. R., Orihel, T. C., Collins, W. E., Chin, W. & Jeter, M. H. Transmission of Plasmodium schwetzi from the chimpanzee to man by mosquito bite. Amer. J. trop. Med. Hyg., 1970, 19, 190-195.
- 310.53 Contacos, P. G. Primate malarias: Man and monkeys. J. Wildl. Dis., 1970, 6, 323-328.

310.54 Warren, M. Simian and anthropoid malarias--their role in human disease. Lab. Anim. Care, 1970, 20, 368-376.

310.55 Bruce-Chwatt, L. J., Garnham, P. C. C., Shute, P. G., and Draper, C. C. Induced double infection with Plasmodium vivax and P. falciparum in a splenectomized chimpanzee, Transactions of The Royal Society of Tropical Medicine and Hygiene, 1970, 64, 2.

310.56 Garnham, P. C. C., Warren, M. & Killick-Kendrick, R. The action 'terramycin' on the primary exoerythrocytic development of Plasmodium vivax and Plasmodium cynomolgi ceylonensis. J. trop. Med. Hyg., 1971, 74, 32-35.

311.00 Infections (Shigella / Salmonella)

- 311.1 Galton, M. M., Mitchell, R. B., Clark, G., & Riesen, A. H. Enteric infections in chimpanzees and spider monkeys with special reference to a sulfadiazine resistant shigella. Jour. Infec. Dis., 1948, 83, 147-154.
- 311.2 Rewell, R. E. Outbreak of Shigella schmitzii infection in men and apes. Lancet, 1949, 256, 220-221.
- 311.3 McGaughey, C. A., Schmid, E. E., Velandapillai, T., & Weinman, A. N. Salmonella typhimurium in young elephants and chimpanzees. Vet. Rec., 1953, 65, 431-432.
- 311.4 Tully, Joseph G., Gaines, S., & Tigertt, W. D. Attempts to induce typhoid fever in chimpanzees with non-Vi strains of Salmonella typhosa. Bact. Proc., 1961, 61, 116.
- 311.5 Becker, W. & Lahde, G. Shigella sonnei beim Schimpanse. (Shigella sonnei in chimpanzees.) In 4th international symposium on diseases in zoo-animals. Nordisk Veterinaermed., 1962, 14, 217-224.
- 311.6 Zwart, D. Notes on Salmonella infections in animals in Ghana. Res. Vet. Sci., 1962, 3, 460-469.
- 311.7 Tully, J. G., Gaines, S., & Tigertt, W. D. Attempts to induce typhoid fever in chimpanzees with non-Vi strains of Salmonella typhosa. J. Infect. Dis., 1962, 110, 47-54.
- 311.8 Christoph, H. J. Die Salmonellose bei Schimpansen. (Salmonella in chimpanzees.) In Stryszak, A. (ed.), Second international symposium on zco animals' pathology, Warsaw: State Publishing House of Agriculture and Forestry, 1962.
- 311.9 Nouvell, J., & Prot-Lasselle, J. Shigella dysenteriae 2 chez des chimpanzés en captivité. (Pan troglodytes Blum.) (Shigella dysentary 2 in captive chimpanzees (Pan troglodytes Blum.). Bull. Acad. vét. Fr., 1963, 36, 373-379.
- 311.10 Geiman, Q. M. Shigellosis, amebiasis, and simian malaria. Lab. Anim. Care, 1964, 14, 441-454.
- 311.11 Hensel, L. Isolierung seltener Salmonellentypen bei Zootieren. (Isolation of several types of salmonella in zoo animals.) Zbl. Bakt., I. Abt., 1964, 193, 282-284.
- 311.12 Szturm-Rubinsten, S., & Piechaud, D. Shigella isolées de excrements des animaux. (Shigella isolated from the excrements of animals.) Ann. Inst. Pasteur, 1965, 108, 257-259.

- 311.13 Khan, A. Q. Shigella infection in animals in the Sudan.
Brit. vet. J., 1968, 124, 171-173. Abstract: Biol. Abstr., 1968,
49, #112215.
- 311.14 Hardy, P. H., Lindsey, J. R. & Melby, E. C. Transferable
multiple drug resistance in enterobacteria from non-human primates.
I. Development and characteristics of resistance in Shigel a flexneri.
Johns Hopk. med. J., 1968, 123, 29-37.
- 311.15 Rowe, B. Salmonellosis in simians and other non-human primates.
Lab. Anim. Handb., 1969, 4, 63-75.
- 311.16 Cook, R. Simian shigellosis. Lab. Anim. Handb., 1969, 4,
83-91.
- 311.17 Schroder, H.-D. Zum Salmonellenproblem in Zoologischen Gärten.
(Concerning the salmonella problem in the zoological garden.) Verh.
int. Symp. Erkrank. Zoot., 1969, 11, 35-43.
- 311.18 Mulder, J. B. Shigellosis in nonhuman primates: A review.
Lab. Anim. Sci., 1971, 21, 734-738.
- 311.19 Lindsey, J. R., Hardy, P. H., Jr., Baker, H. J. & Melby,
E. C., Jr. Observations on shigellosis and development of multiply
resistant shigellas in Macaca Mulatta. Lab. Anim. Sci., 1971, 21,
832-844.

312.00 Infections (Tuberculosis)

- 312.1 Wood-Jones, F. Exhibition of a cast and set of roentgenray photographs taken of a chimpanzee which had died from pulmonary tuberculosis. Proc. zool. Soc. Lond., 1918, 310.
- 312.2 Wilbert, I. Experiences de vaccination des singes contre la tuberculose par le BCG. (Vaccination experiences of the apes with tuberculosis by BCG.) Ann. Inst. Pasteur, Paris, 1927, 39, 641-651.
- 312.3 Stefko, W. H. Comparative pathology of the tuberculosis of primates and of reptiles. Trud. Moskov. zool. Pk., 1940, 2, 121 pp.
- 312.4 Allroggen, L. & Allroggen, R. Acute generalized tuberculosis in a chimpanzee. Vet. Med. Nochr., 1960, 4, 251-256.
- 312.5 Graham-Jones, O. Aspects of the diagnosis, treatment and control of tuberculosis in zoo animals. In VI. Internationales Symposium über Erkrankungen der Zootiere, Vienna: privately printed, 1964.
- 312.6 Piwowarczyk, S. Die Typen von Tuberkelbakterien, die bei den Tieren im zoologischen Garten in Warszawa auftreten. (The types of tuberculosis bacteria found in animals in the zoological garden in Warsaw.) In VI Internationales Symposium über Erkrankungen der Zootiere, Vienna: privately printed, 1964.
- 312.7 Savoy, J. C. Tuberculosis in a zoo collection of great apes. Int. Zoo Yearb., 1965, 5, 189-192.
- 312.8 Huber, I. & Maran, B. Das Vorkommen von Tuberkulose bei Affen im Zoologischen Garten der Stadt Zagreb. (The presence of tuberculosis in apes at the Zoological Garden of the State of Zagreb.) Verh. int. Symp. Erkrank. Zoot., 1968, 10, 63-64.
- 312.9 Baram, P., Soltyzik, L. & Condoulis, W. The in vitro assay of tuberculin hypersensitivity in Macaca Mulatta sensitized with bacille Calmette Guérin cell wall vaccine and/or infected with virulent Mycobacterium tuberculosis. Lab. Anim. Sci., 1971, 21, 727-733.

313.00 Infections (Typhoid Fever)

313.1 Edsall, G., Gaines, S., Landy, M., Tigertt, W. D., Springz, H., Trapani, R. J., Mandel, A. D., & Benenson, A. S. Studies on infection and immunity in experimental typhoid fever. I. Typhoid fever in chimpanzees orally infected with Salmonella typhosa. J. exp. Med., 1960, 112, 143-166.

313.2 Gaines, S., Tully, J. G., & Tigertt, W. D. Studies on infection and immunity in experimental typhoid fever. II. Susceptibility of recovered animals to re-exposure. J. exp. Med., 1960, 112, 1023-1036.

313.3 Gaines, S., Landy, M., Edsall, G., Mandel, A. D., Trapani, R. J., & Beneson, A. S. Studies on infection and immunity in experimental typhoid fever. III. Effect of prophylactic immunization. J. exp. Med., 1961, 114, 327-342.

313.4 Tully, J. G., Gaines, S., & Tigertt, W. D. Studies on infection and immunity in experimental typhoid fever. IV. Role of H antigen in protection. J. infect. Dis., 1963, 112, 118-124.

313.5 Tully, J. G., Gaines, S., & Tigertt, W. D. Studies on infection and immunity in experimental typhoid fever. V. Respiratory challenge of chimpanzees with Salmonella typhosa. J. infect. Dis., 1963, 113, 131-138.

313.6 Tully, J. G. Gaines, S., & Tigertt, W. D. Studies on infection and immunity in experimental typhoid fever. VI. Responses of chimpanzees to endotoxin and the effect of tolerance on resistance to oral challenge. J. infect. Dis., 1965, 115, 445-455.

313.7 Gaines, S., Tully, J. G. & Tigertt, W. D. Studies on infection and immunity in experimental typhoid fever. VIII. Intravenous and intra-lymph node challenge of chimpanzees with Salmonella typhi. J. infect. Dis., 1968, 118, 393-401.

313.8 Cvjetanovic, B., Mel, D. M. & Felsenfeld, O. Study of live typhoid vaccine in chimpanzees. Bull. Wld Hlth Org., 1970, 42 499-507.

314.00 Infections (Viral)

- 314.1 Adler, S., & Clark, E. J. A case of ascending paralysis in a chimpanzee. Ann. trop. Med. Parasit., 1923, 17, 299-301.
- 314.2 Nicolle, C., & Lumbroso, U. Recherches sur les conjonctivites grannuleuses naturelles de quelques animaux de laboratoire en particulier du lapin. Leur importance dans l'etude experimentale du Trachome humain. (Investigations about the conjunctivitis granulosa in laboratory animals, especially the rabbit. Its importance for the experimental study of the trachoma in humans.) Arch. Inst. Pasteur Tunis, 1926, 15, 240-266.
- 314.3 Thomas, H. W. Yellow fever in the chimpanzee. Brit. Med. J., 1927, 1, 138.
- 314.4 Noguchi, H. Experimental production of a trachomalike condition in monkeys by means of a micro-organism isolated from American Indian trachoma. Jour. Amer. med. Assoc., 1927, 89, 739-742.
- 314.5 Stokes, A., Bauer, J. H., & Hudson, N. P. Experimental transmission of yellow fever to laboratory animals. Amer. J. Trop Med., 1928, 8, 103-164.
- 314.6 Levaditi, C. Au sujet du memoire de Mm. Aldershoff Pondman et Pot: "Injection intracerebrale du viruw vaccinal chez le singe." (Concerning the paper of Aldershoff, Pondman, and Pot: "Intra-cerebral injection of vaccinal virus in apes.") Ann. Inst. Pasteur, 1929, 43, 1512-1515.
- 314.7 Pettit, A., & Agnessy, C. P. Le chimpanze est-il receptif au virus amaril? (Is the chimpanzee receptive to the amaril virus?) Bull. Soc. Path. exot., 1932, 25, 190-191.
- 315.8 Doches, A. R., Shipley, G. S., & Mills, K. C. Studies on the common cold. IV. Experimental transmission of the common cold to anthropoid apes and human beings by means of a filterable agent. J. exp. Med., 1932, 52, 701-716.
- 314.9 Rich, A. R., Long, P. H., Brown, J. H., Blin, E. A., & Holt, L. E., Jr. The experimental production of whooping cough in chimpanzees. Johns Hopk. Hosp. Bull., 1938, 58, 286-306.
- 314.10 Smithburn, K. G., Mahaffy, A. F. & Haddow, A. J. Semliki forest virus. II. Immunological studies with specific antiviral sera and sera from humans and wild animals. J. Immunol., 1944, 49, 159-173.
- 314.11 Durieux, C., Boiron, H., & Koerber, R. Sure l'existence d'un reservoir devirus amarial animal en Afrique. (Concerning the existence of a reservoir of amaril animal virus in Africa.) Bull. Soc. Path. Exot., 1947, 40, 111-118.

- 314.12 Haddow, A. J., Smithburn, K. C., Mahaffy, A. F., & Burgher, J. C. Monkeys in relation to yellow fever in Bwamba county, Uganda. Trans. R. Soc. trop. Med. Hyg., 1947, 40, 677-700.
- 314.13 Paul, J. R., Melnick, J. L., & Sabin, A. B. Experimental attempts to transmit Phlebotomus and dengue fevers to chimpanzees. Proc. Soc. exp. Biol. and Med., 1948, 68, 193-198.
- 314.14 Lambert, N. H., & Eustace, J. F. Atypical pneumonia in a chimpanzee treated with chloromycetin. Vet. Rec., 1950, 62, 355-356.
- 314.15 Kraft, L. M. & Melnick, J. L. Quantitative studies of the virus-host relationship in chimpanzees after inapparent infection with coxsackie viruses. II. The development of complement-fixing antibodies. J. exp. Med., 1953, 97, 401-414.
- 314.16 Dick, G. W. A. Epidemiological notes on some viruses isolated in Uganda. Trans. R. Soc. Trop. Med. Hyg., 1953, 47, 13-48.
- 314.17 Pellissier, A., & Rousselot, R. Enquête serologique sur l'incidence des virus neurotropes chez quelques singes de l'Afrique Equatoriale Française. (A serological study of the incidence of neurotropic virus among some of the apes of French Equatorial Africa.) Bull. Soc. Path. exot., 1954, 47, 228-231.
- 314.18 Morris, J. A., Blount, R. E., Jr., & Savage, R. E. Recovery of cytopathogenic agent from chimpanzees with coryza. Proc. Soc. exp. Biol. and Med., 1956, 92, 544-549.
- 314.19 Chanock, R., Roizman, B., & Meyers, R. Recovery of infants with respiratory illness of virus related to chimpanzee coryza agent (CCA). I. Isolation, properties, and characterization. Am. J. Hyg., 1957, 66, 281-290.
- 314.20 Chanock, R. & Finberg, L. Recovery of infants with respiratory illness of virus related to chimpanzee coryza agent (CCA). II. Epidemiologic aspects of infection in infants and young children. Am. J. Hyg., 1957, 66, 291-300.
- 314.21 Itoh, H., & Melnick, J. L. The infection of chimpanzees with echo viruses. J. exp. Med., 1957, 106, 677-688.
- 314.22 Koprowski, H. Vaccination au moyen de virus vivants modifiés (Vaccination using live, modified virus.) Ann. Soc. Belge. Med. trop., 1958, 38, 327-346.
- 314.23 Rowe, W.P., Hartley, J. W., & Huebner, R. J. Serotype composition of the adenovirus group. Proc. Soc. exp. Biol., 1958, 97, 465-470.

- 314.24 Snyder, J. C., Page, R. C., Murray, E. S., Daggy, R. H., Bell, S. D., Jr., Nichols, R. L., Haddad, N. A., Hanna, A. T., & McComb, D. Observations on the etiology of trachoma. Amer. J. Opathal., 1959, 48, 328-329.
- 314.25 Sabin, A. B. Reoviruses. A new group of respiratory and enteric viruses formerly classified as ECHO type 10 is described. Science, 1959, 130, 1387-1389.
- 314.26 Henschelle, W. P. Varicella (chicken Pox) in three young anthropoid apes. J. Amer. Vet. med. Assoc., 1960, 136, 256-257.
- 314.27 Beem, M., Wright, F. H., Hamre, D., Egerer, R., & Oehme, M. Association of the chimpanzee coryza agent with acute respiratory disease in children. New England J. Med., 1960, 263, 523-530.
- 314.28 Osterrieth, P. M. & Deleplanque Liegeois, P. Presence d'anticorps vis-a'-vis des virus transmis par anthropodes chez le chimpanze (Pan troglodites). Comparison de leur etat immunitaire a' celui de l'homme. (Presence of antibodies to the arbor viruses in the chimpanzee (Pan troglodites). Comparison of their immune status with that of man.) Ann. Soc. Belge. Med. Trop., 1961, 41, 63-72.
- 314.29 Bennett, C. R., Jr. & Hamre, D. Growth characteristics of chimpanzee coryza agent in tissue cultures. Bact. Proc., 1961, 61, 151.
- 314.30 Hammon, W. McD., & Rhim, J. S. Progress report on Japanese B encephalitis Oct-541 attenuated virus strain. Amer. J. trop. Med. Hyg., 1963, 12, 616-619.
- 314.31 Dick, E. C. Chimpanzee kidney tissue cultures for growth and isolation of viruses. J. Bact., 1963, 86, 573-576.
- 314.32 Kunin, C. M. Cellular susceptibility to enteroviruses. Bact. Rev., 1964, 28, 382-390.
- 314.33 Hsiung, G. D., Black, F. L., & Henderson, J. R. Susceptibility of primates to viruses in relation to taxonomic classification. In Buettner-Janusch, J. (Ed.), Evolutionary and genetic biology of primates, New York: Academic Press, 1964.
- 314.34 McCollum R. W. Research on virus diseases. Yale University, New Haven School of Medicine, Conn., Annual Report, March 1964--February 1965.
- 314.35 Kalter, S. S., Ratner, J. J., Rodriguez, A. R., & Kalter, G. V. A comparison of natural virus infections in subhuman primates. Bact. Proc., 1965, 65, 110.

314.36 Hsiung, G. D., Chang, P. W., Cuadrado, R. R., & Isaacson, P. Studies of parainfluenza viruses. III. Antibody responses of different animal species after immunization. J. Immunol., 1965, 94, 67-73.

314.37 Bonin, O. Günther, O. & Unterharnscheidt, F. Limitations of neurovirulence tests for attenuated vaccine assessment. Symp. Series immunobiol. Standard., 1966, 2, 103-108.

314.38 Kalter, S. S., Ratner, J. J., Kalter, G. V., Rodriguez, A. R. & Kim, C. S. A survey of primate sera for antibodies to viruses of human and simian origin. Amer. J. Epidem., 1967, 86, 552-568.

314.39 Dick, E. C. Experimental infection of chimpanzees with human rhinoviruses. Bact. Proc., 1967, 67, 151.

314.40 Gainer, J. H. Encephalomyocarditis virus infections in Florida, 1960-1966. J. Amer. vet. med. Ass., 1967, 151, 421-425. Abstract: Biol. Abstr., 1967, 48, #123247.

314.41 Douglas, J. D., Tanner, K. N., Prine, J. R., Van Riper, D. C. & Derwelis, S. K. Molluscum contagiosum in chimpanzees. J. Amer. vet. med. Ass., 1967, 151, 901-904.

314.42 VanRiper, D. C., Fineg, J., Day, P. W., Douglas, J. D., & Derwelis, S. K. Vincent's disease in the chimpanzee. J. Amer. vet. med. Ass., 1967, 151, 905-906.

314.43 Harrison, V. R., Marshall, J. D. & Guilloud, N. B. The presence of antibody to Chikungunya and other serologically related viruses in the sera of sub-human primate imports to the United States. J. Immunol., 1967, 98, 979-981. Abstract: Biol. Abstr., 1967, 48, #107860.

314.44 Kim, C. S., Sueltenfuss, E. A. & Kalter, S. S. Isolation and characterization of simian adenoviruses isolated in association with an outbreak of pneumoenteritis in vervet monkeys (Cercopithecus aethiops). J. infect. Dis., 1967, 117, 292-300.

314.45 Morgan, H. R. Antibodies for Rous sarcoma virus (Bryan) in fowl, animal, and human populations of East Africa. II. Antibodies in domestic chickens, wildfowl, primates and man in Kenya, and antibodies for Burkitt lymphoma cells in man. J. nat. Cancer Inst., 1967, 39, 1229-1234.

314.46 Kalter, S. S. The use of non-human primates in viral research. Pp. 422-441 in Neue Ergebnisse der Primatologie, D. Starch, R. Schneider & H.-J Kuhn, Eds. Stuttgart, Gustav Fischer Verlag, 1967.

314.47 Kalter, S. S., Ratner, J. J., Rodriguez, A. R. & Kalter, G. V. Microbiological parameters of the baboon (Papio sp.): Virology. Pp. 757-773 in The baboon in medical research, vol. 2, H. Vagtborg, ed. Austin University of Texas Press, 1967.

- 314.48 Šimková, A. & Danes, L. Virological and clinical observations on chimpanzees exposed to Tahyňa virus aerosol. Acta virol., 1968, 12, 474.
- 314.49 Hsiung, G. D. Latent virus infections in primate tissues with special reference to simian viruses. Bact. Rev., 1968, 32, 185-205.
- 314.50 Landon, J. C., Ellis, L. B., Zeve, V. H. & Fabrizio, D. P. A. Herpestype virus in cultured leukocytes from chimpanzees. J. nat. Cancer Inst., 1968, 40, 181-192
- 314.51 Kalter, S. S. & Heberling, R.L. Viral flora of tissue sources--simian and human. Nat. Cancer Inst. Monogr., 1968, 29, 149-160.
- 314.52 Adels, B. R., Gajdusek, C., Gibbs, C. J., Jr., Albrecht, P. & Rogers, N. G. Attempts to transmit subacute sclerosing panencephalitis and isolate a measles related agent, with a study of the immune response in patients and experimental animals. Neurology (Minneap.), 1968, 18, 30-51.
- 314.53 Dick, E. C. Experimental infection of chimpanzees with human rhinovirus types 14 and 43. Proc. Soc. exp. Biol. (N.Y.), 1968, 127, 1079-1081.
- 314.54 Cabasso, V. J. & Wilner, B. I. Adenoviruses of animals other than man. Advanc. vet. Sci., 1969, 13, 159-217.
- 314.55 Coulston, F. & Soike, K. F. Host parasite relationships of chimpanzee viruses. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-69-9, Holloman Air Force Base, New Mexico, 1969, vii, 53 pp.
- 314.56 Horstmann, D. M., Pajot, T. G. & Liebhaber, H. Epidemiology of rubella. Subclinical infection and occurrence of reinfection. Amer. J. Dis. Child., 1969, 118, 133-136.
- 314.57 Horstmann, D. M. Discussion paper: The use of primates in experimental viral infections--rubella and the rubella syndrome. Ann. N. Y. Acad. Sci., 1969, 162, 594-597.
- 314.58 Šimková, A. & Bárdcs, V. Experimental Tahyňa virus infections in primates. Pp. 269-274 in Arboviruses of the California complex and Bunyamwera group, V. Bárdcs, ed. Bratislava, Publishing House of the Slovak Academy of Sciences, 1969.
- 314.59 Šimková, A. & Danielová, V. Experimental infection of chimpanzees with Tahyňa virus by Culiseta annulata mosquitoes. Folia parasit. (Praha), 1969, 16, 255-263.
- 314.60 Soike, K. F., Coulston, F. & Douglas, J. D. Further studies of the viruses of the chimpanzee. I. Viral infection of colony-maintained chimpanzees. Exp. Mclec. Path., 1969, 11, 323-332.

- 314.61 Soike, K. F., Douglas, J. D., Plager, H. & Coulston, F. Further studies of the viruses of the chimpanzee. II. Viral infection in recently imported chimpanzees captured in Africa. Exp. molec. Path., 1969, 11, 333-339.
- 314.62 Hunt, R. D. & Melendez, L. V. Herpes virus infections of non-human primates: A review. Lab. Anim. Care, 1969, 19, 221-234.
- 314.63 Kalter, S. S. Human and simian viruses among the higher apes. Pp. 191-195 in Proceedings of the second international congress of primatology, vol. 3, H. O. Hofer, (Ed.) Basel: S. Karger, 1969.
- 314.64 Kalter, S. S., Ratner, J. J. & Heberling, R. L. Antibodies in primates to the Marburg virus. Proc. Soc. exp. Biol. (N. Y.), 1969, 130, 10-12.
- 314.65 Kalter, S. S. & Heberling, R. L. Serology of latent virus infections, Pp. 121-133 in Infections and immunosuppression in subhuman primates, H. Blaner, & W. I. B. Beveridge, (Eds.) Baltimore: Williams & Wilkins, 1970.
- 314.66 Kalter, S. S. & Guilloud, N. B. Chimpanzee viruses. 361-389 in G. H. Bourne, (Ed.) The chimpanzee, Baltimore: University Park Press, 1970.
- 314.67 Kalter, S. S., Ratner, J. J., Heberling, R. L. & Kalter, G. V. Complement-fixing antibodies to rickettsial antigens in sera of primates. Arch. ges. Virusforsch., 1970, 32, 31-38.
- 314.68 Kinard, R. Cancer viruses in primates. Science, 1970, 169, 828-831.
- 314.69 Kissling, R. E., Murphy, F. A. & Henderson, B. C. Marburg virus. Ann. N. Y. Acad. Sci., 1970, 31, 947-949.
- 314.70 Murphy, B. L., Krushak, D. H. & Fields, R. M. Cultivation of hepatic tissue from chimpanzees experimentally infected with adenovirus. Amer. J. vet. Res., 1970, 31, 947-949.
- 314.71 McConnell, S. Simian pox viruses. Pp. 83-86 in Infections and immunosuppression in subhuman primates. H. Balner, W. I. B. Beveridge, (Eds.) Baltimore: Williams & Wilkins, 1970.
- 314.72 Tauraso, N. M., Myers, M. G., McCarthy, K. & Tribe, G. W. Simian hemorrhagic fever. Pp. 101-109 in Infections and immunosuppression in subhuman primates, H. Balner, & W. I. B. Beveridge, (Eds.) Baltimore: Williams & Wilkins, 1970.

314.73 Schaap, G. J. P. Epidemiological studies of virus infections in imported monkeys. Pp. 145-147 in Infections and immunosuppression in subhuman primates. H. Balner, & W. I. B. Beveridge, (Eds.) Baltimore: Williams & Wilkins, 1970.

314.74 Kinard, R. A program for inoculation of primates with potentially oncogenic viruses. Pp. 895-902 in Medical primatology, 1970, E. I. Goldsmith, & J. Moor-Jankowski, (Eds.) Basel: S. Karger, 1971.

314.75 Basnight, M., Jr., Rogers, N. G., Gibbs, C. J., Jr. & Gajdusek, D. C. Characterization of four new adenovirus serotypes isolated from chimpanzee tissue explants. Amer. J. Epidem., 1971, 94, 166-171.

314.76 Kalter, S. S. & Heberling, R. L. Reovirus antibody in primates. Amer. J. Epidem., 1971, 93, 403-412.

314.77 Kalter, S. S. Virological study on nonhuman primates. Pp. 481-527 in Defining the laboratory animal, International Committee on Laboratory Animals, (Ed.) Washington, D. C., National Academy of Sciences. 1971

314.78 Klein, M., Milhaud, C. & Nicolle, R. Note on an isolated case of viral eruption observed in a colony of chimpanzees. Lab. Primate Newslett., 1971, 10(2), 20-23.

314.79 Tauraso, N. M., Kalter, S. S. Ratner, J. J. & Heberling, R. L. Simian hemorrhagic fever. Pp. 660-670 in Medical primatology 1970, E. I. Goldsmith, & J. Moor-Jankowski, (Eds.) Basel: S. Karger, 1971.

314.80 Soike, K. F., Douglas, J. D. & Coulston, F. Comparison of viral infection in chimpanzees recently imported and in a closed colony, Pp. 721-730 in Medical primatology 1970, E. I. Goldsmith & J. Moor-Jankowski, (Eds) Basel: S. Karger, 1971.

314.81 Schmidt, R. E. & Butler, T. M. Case report: Molluscum contagiosum in a colony born chimpanzee. Lab. Primate Newslett., 1971, 10(4), 17.

314.82 Slenczka, W., Wolff, G. & Siegert, R. A critical study of monkey sera for the presence of antibody against the Marburg virus. Amer. J. Epidem., 1971, 93, 496-505.

314.83 Soike, K. F., Krushak, D. H., Douglas, J. D. & Coulston, F. Further studies of the viruses of the chimpanzee. III. Infection and excretion patterns in imported chimpanzees. Exp. Molec. Path., 1971, 14, 373-385.

314.84 Thorington, R. W. Jr. The identification of primates used in viral research. Lab. Anim. Sci., 1971, 21, 1074-1077.

314.85 Kalter, S. S. A serological survey of primate sera for antibody to the Marburg virus. In G. A. Martini & R. Siegert, (Eds.), Marburg virus disease, New York: Springer-Verlag, 1971, 177-187.

315.00 Infections (Viral, Monkey Pox)

315.1 Nigg, C. Serologic studies on subclinical melioidosis. J. Immunol., 1963, 91, 18-28.

315.2 McConnell, S., Herman, Y. F., Mattson, D. E. Huxsoll, D. L., Lang, C. M., & Yager, R. H. Protection of rhesus monkeys against monkeypox by vaccinia virus immunization. Amer. J. vet. Res., 1964, 25, 192-195.

315.3 Anon. Outbreak of monkey pox in Rotterdam Zoo. C. D. C. Vet. publ. Hlth. Notes, 1965, 4-5.

315.4 Peters, J. C. Eine "Monkey-Pox" Enzootie im Affenhaus des Tiergartens "Blijdorp." (A "monkey-pox" zoonosis in the monkey house of the "Blijdorp" zoological gardens.) Kleintier-Prax., 1966, 11, 65-71.

315.5 Herrlich, A. Affenpocken. (Monkey Pox.) Die Pocken. Erreger, Epidemiologie und Klinischens Bild, (Pox. Agents. Epidemiology and Clinical Picture), 2nd ed. Stuttgart, Georg Thieme Verlag, 1967, 263-268.

315.6 Milhaud, C., Klein, M. & Virat, J. Analyse d'un cas de variole du singe (monkey-pox) chez le chimpanzé (Analysis of a case of monkey pox in the chimpanzee.) (Pan troglodytes.). Exp. Anim., 1969, 2, 121-135.

315.7 Kaufmann, A. F. Melioidosis in imported nonhuman primates. C. D. C. vet. Publ. Hlth Notes, 1970, (July), 1-2.

315.8 Peters, J. C. An outbreak of monkeypox in the zoo at Rotterdam. Pp. 91-99 in Infections and immunosuppression in subhuman primates, H. Balner & W. I. B. Beveridge, Eds. Baltimore, Williams & Wilkins, 1970.

315.9 Kaufmann, A. F., Alexander, A. D., Allen, A. M., Cronin, R. J., Dillingham, L. A., Douglas, J. D. & Moore, T. D. Melioidosis in imported nonhuman primates. J. Wildl. Dis., 1970, 211-219.

315.10 Butler, T. M., Schmidt, R. E. & Wiley, G. L. Melioidosis in a chimpanzee. Amer. J. vet. Res., 1971, 32, 1109-1117.

316.00 Infections (Viral, Hepatitis)

- 316.1 Havens, W. P., Jr., & Ward, R. Failure to transmit infectious hepatitis to chimpanzees. Proc. Soc. exp. Biol. and Med., 1945, 60, 102-104.
- 316.2 Rousselot, R. Hepatite filarienne des anthropoides. (Filaria hepatitis of the anthropoids.) Bull. Soc. Pathol. Exot., 1956, 49, 301-303.
- 316.3 Hillis, W. D. An outbreak of infectious hepatitis among chimpanzee handlers at a United States Air Force Base. Amer. J. Hyg., 1961, 73, 316-328.
- 316.4 Anonymous. Infective hepatitis and chimpanzees. British Med. J., 1961, 1206.
- 316.5 Hillis, W. D. Destruction of chimpanzee kidney cells by sera from patients with acute infectious hepatitis. Proc. Soc. Exptl. Biol. and Med., 1961, 108, 813-816.
- 316.6 Hillis, W. D. Destruction of chimpanzee kidney cells by sera from patients with acute infectious hepatitis. School of Aerospace Medicine Technical Documentary Report 62-34, Brooks Air Force Base, Texas, December, 1961.
- 316.7 Hillis, W. D. An outbreak of Infectious Hepatitis among chimpanzee handlers at a United States Air Force Base. USAF Aerospace Medical Center Report 61-64, Brooks Air Force Base, Texas, February 1961.
- 316.8 Deinhardt, F. C., Ghislain, D. P., Osterrieth, P., Ninane, G., Henle, G., & Henle, W. Studies of liver function tests in chimpanzees after inoculation with human infectious hepatitis virus. Amer. J. Hyg., 1962, 75, 311-321.
- 316.9 Bennett, I. L. A comprehensive study of viral hepatitis. John Hopkins University, Annual Progress Report, July 1962-July 1963.
- 316.10 Riopelle, A. J. Use of primates for studies of infectious hepatitis. Delta Regional Primate Research Center Annual Progress Report, 10ct. 64-30 Sept. 65.
- 316.11 Staff of Communicable Disease Center. Hepatitis surveillance. IV. Chimpanzee-associated infectious hepatitis. Surveillance Reports #15, May 13, 1963.
- 316.12 Riopelle, A. J. Hepatitis associated with chimpanzees. Yerkes Laboratory of Primate Biology Inc. Orange Park, Florida Final technical report, April 1962-January 1964.

- 316.13 Held, J. R. The public health implications of nonhuman primates in the transmission of hepatitis in man. Proc. Amer. vet. med. Ass., 1963, 100, 183-185.
- 316.14 Riopelle, A. J. Chimpanzee-associated hepatitis. In Pickering, D. E. (ed.), Proceedings of a conference on research with primates, Beaverton, Oregon: Tektronix Foundation, 1963.
- 316.15 Hillis, W. D. Viral hepatitis associated with sub-human primates. Transfusion (Philad.) 1963, 3, 445-454.
- 316.16 Douglas, J. D., & Berge, T. O. Use of chimpanzees in the study of infectious hepatitis in man. AVMA Scientific Proceedings 101st Annual Meeting, 1964.
- 316.17 Ruddy, S. J., Mosley, J. W., & Held, J. R. Hepatitis associated with exposure to subhuman primates. Gastroenterology, 1964, 46, 306.
- 316.18 Bang, B. A tissue culture study of infectious hepatitis. Johns Hopkins University, Annual Report, January 1964.
- 316.19 Held, J. R. On the administration of gamma globulin to primate laboratory personnel. Lab. Primate Newslettr., 1964, 3(3), 3-4.
- 316.20 Smetana, H. F. Experiemtnal and spontaneous viral hepatitis in primates. Lab. Invest., 1965, 14, 1366-1374.
- 316.21 Holmes, A. W. & Capps, R. B. The use of primates for transmission and study of human viral hepatitis. Medicine (Baltimore), 1966, 45, 553-555.
- 316.22 Ruddy, S. J., Mosley, J. W. & Held, J. R. Chimpanzee-associated viral hepatitis in 1963. Amer. J. Epidem., 1967, 86, 634-640.
- 316.23 Hutchinson, L. R. & Hornedo, M. D. Hepatitis - Texas. CDC vet. Publ. Hlth Notes, 1967, (Sept.), 2-3
- 316.24 Hillis, W. D. Etiology of viral hepatitis. Johns Hopk. Med. J., 1967, 120, 176-185.
- 316.25 Mosley, J. W., Reinhardt, H. P. & Hassler, F. R. Chimpanzee assciated hepatitis. J. Amer. med. Ass., 1967, 199, 695-697.
- 316.26 Kissling, R. E. Laboratory status of the infecticus hepatitis agent. Pp. 337-346 in Transmission of viruses by the water route, G. Berg, ed. New York, Interscience Publishers, John Wiley and Sons, 1967. Abstract: Biol. Abstr., 1967, 48, #81804.
- 316.27 Perrin, E. A., Jr. Viral hepatitis in subhuman primates. Clinical laboratory tests as aids in diagnosis. J. Amer. med. Technol., 1968, 30, 268-273.

316.28 McInerney, T., Condon, F., Barr, T. M., et al. Subhuman primate-associated hepatitis--Oakland County, Michigan. Morbid, Mortal. Wkly Rep., 1968, 17, 271-276.

316.29 Hillis, W. D., Garner, A. C. & Hillis, A. I. A new simian adenovirus serologically related to human adenovirus type 2 from a chimpanzee with "viral hepatitis". Amer. J. Epidem., 1969, 90, 344-353.

316.30 Piazza, M. Viral hepatitis in humans and subhuman primates. Chapter 8 in Experimental viral hepatitis, Springfield, Ill., Charles C. Thomas, 1969.

316.31 Licher, E. A. Chimpanzee antibodies to Australia antigen. Nature (Lond.), 1969, 224, 810-811.

316.32 Zwart, P. Hepatitis infectiosa bei einem Schimpansen. (Infectious hepatitis in the chimpanzee.) Verh. int. Symp. Erkrank. Zoot., 1969, 11, 77-80.

316.33 Smetana, H. F. & Felsenfeld, A. D. Viral hepatitis in subhuman primates and its relationship to human viral hepatitis. Virchows Arch. path. Anat., 1969, 348, 309-327.

316.34 Smetana, H. F., Felsenfeld, A. D., & Riopelle, A. J. Human viral hepatitis and chimpanzee. In G. H. Bourne (Ed.), The chimpanzee, vol. 3. Baltimore: University Park Press, 1970, Pp. 26-55.

316.35 Deinhardt, F. C. Hepatitis in subhuman primates and the hazards to man. Pp. 55-63 in Infections and immunosuppression in subhuman primates, H. Balner, & W. I. B. Beveridge, Eds. Baltimore, Williams & Wilkins, 1970

316.36 Krushak, D. H. Application of preventive health measures to curtail chimpanzee-associated infectious hepatitis in handlers. Lab. Anim. Care, 1970, 20, 52-56.

316.37 Keeling, M. E. & Moore, G. T. Care and management of a chimpanzee after cross-circulation with a hepatitis patient. Lab. Anim. Care, 1970, 20, 703-708.

316.38 Blumberg, B. S., Sutnick, A. I., London, W. T. & Millman, I. Australia antigen and hepatitis. New Engl. J. Med., 1970, 283, 349-354.

316.39 Rivers, S. L. & Keeling, M. A study of the incidence of Australia antigen and antibody in nonhuman primates. Vox. Sang. (Basel), 1970, 19, 270-272.

316.40 Center for Disease Control. Sub-human primate-associated hepatitis. C.D.C. Hepatitis Surveil. Rep., 1971, 34, 10-14.

316.41 Maynard, J. E., Hartwell, W. V. & Berquist, K. R. Hepatitis-associated antigen in chimpanzees. J. infect. Dis., 1971, 123, 660-664.

316.42 Prince, A. M. Hepatitis associated antigen: Long term persistence in chimpanzees. Pp. 731-739 in Medical primatology 1970, E. I. Goldsmith & J. Moor-Jankowski, Eds. Basel, S. Karger, 1971.

317.00 Infections (Viral, Poliomyelitis)

317.1 Howe, H. A., & Bodain, D. Portals of entry of poliomyelitis virus in the chimpanzee. Proc. Soc. exp. Biol., 1940, 43, 718-721.

317.2 Howe, H. A., & Bodain, D. Poliomyelitis in the chimpanzee: A clinical pathological study. Bull. Johns Hopkins Hosp., 1941, 69, 149-181.

317.3 Howe, H. A., & Bodain, D. A note on the penetration of poliomyelitis virus from the gastrointestinal tract in the chimpanzee. Jour. Pediatrics, 1942, 21, 713-716.

317.4 Rasmussen, A. F., & Clark, P. F. Nature of immunity in poliomyelitis. Proc. Soc. exp. Biol., 1942, 50, 344-348.

317.5 Howe, H. A., & Bodian, D. The efficiency of intranasal inoculation as a means of recovering poliomyelitis virus from stools. Amer. J. Hyg., 1944, 40, 224-226.

317.6 Howe, H. A., & Bodain, D. Poliomyelitis by accidental contagion in the chimpanzee. Jour. Bact., 1944, 47, 468.

317.7 Howe, H. A., & Bodain, D. Poliomyelitis by accidental contagion in the chimpanzee. Jour. Exp. Med., 1944, 80, 383-390.

317.8 Bodian, D., & Howe, H. A. The significance of lesions in peripheral ganglia in chimpanzee and human poliomyelitis. J. Exp. Med., 1947, 85, 231-241.

317.9 Howe, H. A., & Bodain, D. Passive immunity to poliomyelitis in the chimpanzee. J. Exp. Med., 1945, 81, 247-251.

317.10 Bodian, D., & Howe, H. A. Nonparalytic poliomyelitis in a chimpanzee. J. exp. Med., 1945, 81, 255-274.

317.11 Melnick, J. L., & Horstmann, D. M. Activity immunity to poliomyelitis in chimpanzees following subclinical infection. J. Exp. Med., 1947, 85, 287-303.

317.12 Howe, H. A., Bodian, D., & Morgan, I. M. Subclinical poliomyelitis in the chimpanzee and its relation to alimentary reinfection. Am. J. Hyg., 1950, 51, 85-108.

317.13 Horstmann, D. M., & Melnick, J. L. Poliomyelitis in chimpanzees. Jour. exp. Med., 1950, 91, 573-597.

317.14 Howe, H. A. Antibody response of chimpanzees and human beings to formalin-inactivated trivalent poliomyelitis vaccine. Am. J. Hyg., 1952, 56, 265-286.

317.15 Horstmann, D. M. Poliomyelitis virus in the blood of orally infected monkeys and chimpanzees. Fed. Proc. Amer. Assn. Immunologists, 1952, 11, 471.

317.16 Howe, H. A. Duration of immunity in chimpanzees vaccinated with formalin inactivated poliomyelitis virus. Fed. Proc. Am. Assn. Immunologists, 1952, 11, 471-472.

317.17 Moyer, A. W., Accorti, C., & Cox, H. R. Poliomyelitis. I. Propagation of MEF1 strain of poliomyelitis virus in the suckling hamster. Proc. Soc. exp. Biol., 1952, 81, 513-518.

316.18 Bodian, D. Experimental studies on passive immunization against poliomyelitis. II. Passive-active immunization and pathogenesis after virus feeding in chimpanzees. Amer. J. Hyg., 1953, 58, 81-100.

317.19 Sabin, A. B. Behavior of chimpanzee avirulent poliomyelitis viruses in experimentally infected human volunteers. Amer. J. med. Sci., 1955, 230, 1-8.

317.20 Li, C. P., Schaeffer, M., & Nelson, D. B. Experimentally produced variants of poliomyelitis virus combining in vivo and in vitro techniques. Ann. N. Y. Acad. Sci., 1955, 61, 902-910.

317.21 Roca-Garcia, M., & Jervis, G. A. Experimentally produced poliomyelitis variant in chick embryo. Ann. N. Y. Acad. Sci., 1955, 61, 911-923.

317.22 Sabin, A. B. Immunization of chimpanzees and human beings with avirulent strains of poliomyelitis virus. Ann. N. Y. Acad. Sci., 1955, 61, 1050-1056.

317.23 Bodian, D. Poliovirus in chimpanzee tissues after virus feeding. Am J. Hyg., 1956, 64, 181-197.

317.24 Bodian, D. Some aspects of polio virus infections. Harvey Lect., 1956-57, 52, 23-56.

317.25 Melnick, J. L. The recovery of poliomyelitis virus from the stools of experimentally infected monkeys and chimpanzees. J. Immunol., 1956, 53, 277-290.

317.26 Howe, H. A. Day by day response of vaccinated chimpanzees to poliomyelitic infection. Amer. Jour. Publ. Health, 1957, 47, 871-875.

317.27 Hummeler, K., & Hamparian, V. V. Studies on the complement fixing antigens of poliomyelitis. I. Demonstration of type and group specific antigens in native and heated viral preparations. J. Immunol., 1958, 81, 499-505.

317.28 Jezierski, A. Destruction of poliovirus in the digestive tract of chimpanzees by means of specific high-titre gammaglobulin. Ann. Soc. Belge Med. Trop., 1960, 49, 169-181.

317.29 Bodian, D. & Nathanson, N. Inhibitory effects of passive antibody on virulent poliovirus excretion on immune response in chimpanzees. Bull. Johns Hopkins Hosp., 1960, 107, 143-162.

317.30 Howe, H. A. Detection of poliovirus in feces of chimpanzees during late convalescence by means of Frcon 113. Proc. Soc. Exptl. Biol. and Med., 1962, 110, 110-113.

317.31 Nishizawa, Y., Kodama, T., Majima, E., Araki, M. & Chin, S. Studies on the Salk and live attenuated poliovirus vaccine. Biken J., 1963, 6, 97-110.

317.32 Anon. Polio outbreak among primates at Yerkes Primate Center. C. D. C. Vet. publ. Hlth Notes, 1964, 5-6.

317.33 Allmond, B. W., Jr., Froeschle, J. E. & Guilloud N. B. Paralytic poliomyelitis in large laboratory primates. Virologic investigation and report on the use of oral poliomyelitis virus (OPV) vaccine. Amer. J. Epidem., 1967, 85, 229-239.

317.34 Douglas, J. D., Soike, K. F. & Raynor, J. The incidence of poliovirus in chimpanzees (Pan troglodytes). Lab. Anim. Care, 1970, 20, 265-268.

318.00 Infections (Viral)
(Creutzfeldt/Jakob Disease)

318.1 Gibbs, C. J., Jr. & Gajdusek, D. C. Attempts to demonstrate a transmissible agent in kuru, amyotrophic lateral sclerosis, and other subacute and chronic progressive nervous system degenerations of man. Pp. 39-48 in Slow, latent, and temperate virus infections, D. C. Gajdusek, C. J. Gibbs, Jr. & M. Alpers, Eds. Washington, D. C., U. S. Government Printing Office, 1965.

318.2 Beck, E., Daniel, P. M., Alpers, M., Gajdusek, D. C. & Gibbs, C. J., Jr. Experimental "kuru" in chimpanzees. A pathological report. Lancet, 1966, (2), 1056-1059.

318.3 Gajdusek, D. C., Gibbs, C. J., & Alpers, M. Experimental transmission of a kuru-like syndrome to chimpanzees. Nature, 1966, 209, 794-796.

318.4 Gibbs, C. J., Jr. Search for infectious etiology in chronic and subacute degenerative diseases of the central nervous system. Curr. Top. Microbiol. Immunol., 1967, 40, 44-58.

318.5 Gajdusek, C. Discussion on kuru, scrapie and the experimental kuru-like syndrome in chimpanzees. Curr. Top. Microbiol. Immunol., 1967, 40, 59-63.

318.6 Rogers, N. G., Basnight, M., Gibbs, C. J., Jr. & Gajdusek, D. C. Latent viruses in chimpanzees with experimental kuru. Nature (Lond.), 1967, 216, 446-449.

318.7 Gajdusek, D. C., Gibbs, C. J., & Alpers, M. Transmission and passage of experimental "Kuru" to chimpanzees. Science, 1967, 155, 212-214.

318.8 Field, E. J. & Raine, C. S. Lattice fibrillar or herringbone structures in kuru. Vet. Rec., 1967, 81, 639-640.

318.9 Gibbs, C. J., Jr., Gajdusek, D. C., Asher, D. M., Alpers, M. P., Beck, E., Daniel, P. M. & Matthews, W. B. Creutzfeldt-Jakob disease (Spongiform encephalopathy): Transmission to the chimpanzee. Science, 1968, 161, 388-389.

318.10 Beck, E., Daniel, P. M., Matthews, W. B., Stevens, D. L., Alpers, M. P., Asher, D. M., Gajdusek, D. C. & Gibbs, C. J. Creutzfeldt-Jakob disease. The neuropathology of a transmission experiment. Brain, 1969, 92, 699-716. pls. 43-50.

318.11 Beck, E., Daniel, P. M., Alpers, M., Gajdusek, D. C. & Gibbs, C. J., Jr. Neuropathological comparisons of experimental kuru in chimpanzees with human kuru. With a note on its relation to scrapie and spongiform encephalopathy. Int. Arch. Allerg., 1969, 36(Suppl.), 553-562.

318.12 Lampert, P. W., Earle, K. M., Gibbs, C. J. & Gajdusek, D. C. Experimental kuru encephalopathy in chimpanzees and spider monkeys. Electron microscopic studies. J. Neuropath. exp. Neurol., 1969, 28, 353-370.

318.13 Field, E. J., Mathews, J. D. & Raine, C. S. Electron microscopic observations on the cerebellar cortex in kuru. J. neurol. Sci., 1969, 8, 209-224.

318.14 Gibbs, C. J., Jr. & Gajdusek, D. C. Infection as the etiology of spongiform encephalopathy (Creutzfeldt-Jakob disease). Science, 1969, 165, 1023-1025.

318.15 Lampert, P. W., Gajdusek, D. C. & Gibbs, C. J., Jr. Experimental spongiform encephalopathy (Creutzfeldt-Jakob disease) in chimpanzees: Electron microscopic studies. J. Neuropath. exp. Neurol., 1971, 30, 20-32.

318.16 Gajdusek, D. C. & Gibbs, C. J., Jr. Transmission of two subacute spongiform encephalopathies of man (Kuru and Creutzfeldt-Jacob disease) to New World monkeys. Nature (Lond.), 1971, 230, 588-591.

318.17 Gajdusek, D. C., Gibbs, C. J. Jr., Rogers, N. G., Basnight, M. & Hooks, J. Persistence of viruses of Kuru and Creutzfeldt-Jakob disease in tissue cultures of brain cells. Nature (Lond.), 1971, 235, 104-105.

318.18 Brown, P., Hooks, J., Roos, R., Gajdusek, D. C. & Gibbs, C. J., Jr. Attempt to identify the agent for Creutzfeldt-Jakob disease by CF antibody relationship to known viruses. Nature new Biol. (Lond.), 1972, 235, 149-152.

319.00 Infections (Viral, Mycoplasmas)

319.1 Cole, B. C., Ward, J. R., Golightly-Rowland, L., & Graham, C. E. Characterization of mycoplasmas isolated from the great apes. Canad. J. Microbiol., 1970, 16, 1331-1339, 1 f. Abstract: Biol. Abstr., 1971, 52, #49800.

319.2 Cole, B. C., Graham, C. E., Ward, J. R. The isolation of mycoplasmas from chimpanzees. In The chimpanzee. Vol. 2 Physiology, behavior, serology, and diseases of chimpanzees. G. H. Bourne (Ed.) Published in simultaneous European (Basel: Karger, 1970) and American (Baltimore: University Park Press, 1970) editions.

319.3 Hutchinson, V. E., Pinkerton, M. E., & Kalter, S. S. Incidence of mycoplasma in nonhuman primates. Lab. Anim. Care, 1970, 20, 914-922.

319.4 Barile, M. F., Delgiudice, R. A., Carski, T. R., Gibbs, C. J., & Morris, J. A. Isolation and characterization of Mycoplasma arginini: spec. nov. Proc. Soc. exp. Bio. (N. Y.), 1968, 129, 489-494.

320.00 Oral Diseases

320.1 Crisp, E. Sphacelus of the tongue and cheeks of a chimpanzee (*Pithecius troglodytes.*) Trans. path. Soc., London, 1864, 15, 260-261.

320.2 Fetzer, C. Zahnkrankheiten bei wildlebenden Schimpansen. (Dental diseases in noncaptive chimpanzees.) Jb. nassau. Ver. Naturk., 1925, 77, 13-21.

320.3 Bourdelle, E., Urbaine, A., & Davesne J. Deux cas de gingivo-stomatite gangreneuse (noma) dus à *B. perfringens* chez le chimpanzé. (Pan chimpanze Meyer). (Two cases of gangrenous gingivo-stomatitis (noma) due to *B. perfringens* in the chimpanzee.) Path. exot., 1931, 24, 787-789.

320.4 Cohen, D. W., & Goldman, H. M. Oral disease in primates. Ann. N. Y. Acad. Sci., 1960, 85, 889-900.

Psychobiology

401.00 Experimental Psychobiology
(Apparatus)

- 401.1 Grether, W. F. A new spectral color apparatus for studies with primates color vision. J. genet. Psychol., 1935, 12, 450-456.
- 401.2 Kluver, H. A tachistoscopic device for work with sub-human primates. J. Psychol., 1935, 1, 1-4.
- 401.3 Kluver, H. An auto-multi-stimulation reaction board for use with sub-human primates. J. Psychol., 1935, 1, 123-127.
- 401.4 Ormiston, D. W., Rohles, F. H., & Grunzke, M. E. A device for measuring gross motor behavior in primates. U. S. A. F. WADC Technical Report 59-353, 1959.
- 401.5 Grunzke, M. E. A restraint device for behavioral research with the chimpanzee. Air Force Missile Development Center Technical Documentary Report 61-37, Holloman AFB, New Mexico, 1961.
- 401.6 Rohles, F. H. & Grunzke, M. E. A spatially contiguous stimulus-response apparatus for primates. Air Force Missile Development Center Technical Report 61-32, Holloman AFB, New Mexico, 1961.
- 401.7 Grunzke, M. E. Feeding devices for use with primates in space flight. Air Force Missile Development Center Technical Report 61-35, Holloman AFB, New Mexico, 1961.
- 401.8 Grunzke, M. E. A liquid dispenser for primates. Jour. Exptl. Anal. Behav., 1961, 4, 326.
- 401.9 Grunzke, M. E., & Rohles, F. H. Ad lib water dispensing. Lab. Primate Newslett., 1963, 2, 8.
- 401.10 Gleason, T. L., Dittmer, E. C., & McQuire, R. The design and fabrication of a mask and helmet for chimpanzee respiratory research. Aeromedical Research Laboratory Technical Documentary Report No. 64-3, Holloman Air Force Base, New Mexico, 1964.
- 401.11 Gilbert, G. A. A zero gravity pellet dispenser for use with primates in long-term space flights. Aeromedical Research Laboratory Technical Documentary Report No. 64-3, Holloman Air Force Base, New Mexico, 1964.
- 401.12 Grunzke, M. E. A manually operated pellet feeder for primates in space flight. The Journal of the Experimental Analysis of Behavior, 1964, 7, 44.
- 401.13 Ferster, C. B. Animal Behavior and mental illness. Psychol. Rec., 1966, 16, 345-356.

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- 401.14 Wilson, G. L. & Grunzke, M. E. Apparatus for psychobiological research. Primates in Med., 1969, 4, 94-153.
- 401.15 Krushak, D. H. & Taylor, A. J. A temporary drinking water system for chimpanzees. Lab. Anim. Dig., 1970, 6, 10-13.
- 401.16 Stoller, D. F., Kinney, J. P., Burson, R. C., & McNew, J. J. Apparatus for collection of individual micturition samples from unrestrained primates. Physiol. Behav., 1971, 6, 91-93.

402.00 Experimental Psychobiology
(General)

- 402.1 Garner, R. L. Psychological studies of the chimpanzee. Nor.
Amer. Rev., 1905, 181, 272-280.
- 402.2 Yerkes, R. M. The mental life of monkeys and apes. Behav.
Mono., 1916, 3, 145 pp.
- 402.3 Kohler, W. Die Methoden der psychologischen Forschung an Affen.
Abt. VI. Methoden der experimentellen Psychologie. (Methods of experimental
psychology on apes. Section VI. Methods of experimental psychology.)
Abderhalden's Handb. biol. Arbmeth., Leipzig, Teil D, Heft I, 1921, 69-120.
- 402.4 Kohler, W. Forschungen an Menschenaffen. (Investigations on
anthropoid apes.) Z. Ethn., 1921, 52, 461-465.
- 402.5 Kohler, W. Ueber eine neue Methode zur psychologischen Untersuchung
von Menschenaffen. (Concerning a new method of psychological research on
anthropoid apes.) Psychol. Forsch., 1922, 1, 390-397.
- 402.6 Goldsmith, M. Mlle. Methods d'etudes et observations sur les
singes de Mme Ladygine-Kohts, de Moscou. (The methods of study and
observations of apes of Mme. Ladygine-Kohts of Mosco .) Bull. Inst. gen.
psychol., 1929, 29, 153-160.
- 402.7 Dexler, H. Das Kohler-Wertheimer'sche Gestaltenprinzip und
die moderne Tierpsychologie. (The Kohler-Wertheimer Gestalt principle
and modern animal psychology.) Lotos, 1929, 69, 143-242.
- 402.8 Yerkes, A. W. Experiments with an infant chimpanzee. J. genet.
Psychol., 1935, 46, 171-181.
- 402.9 Haslerud, G. M. Response of young chimpanzees to animate and
inanimate psychological barriers. Psychol. Bull., 1936, 33, 730.
- 402.10 Haslerud, G. M. Effect of three kinds of frustration upon behavior
of young and adult chimpanzees. Psychol. Bull., 1937, 34, 721-722.
- 402.11 Spence, K. W. Experimental studies of learning and the higher men-
tal processes in infra-human primates. Psychol. Bull., 1937, 34, 806-850.
- 402.12 Haslerud, G. M. Frustration as an experimental problem. III.
Some interrelations of behavioral measures of frustration in chimpanzees.
Character & Pers., 1938, 7, 136-139.
- 402.13 Crawford, M. P. A behavior rating scale for young chimpanzees.
J. comp. Psychol., 1938, 26, 79-92.
- 402.14 McCulloch, T. L. & Haslerud, G. M. Affective response of an infant
chimpanzee reared in isolation from its kind. J. comp. Psychol., 1939, 28,
437-445.

- 402.15 Nowlis, V. The relation of degree of hunger to competitive interaction in chimpanzee. J. comp. Psychol., 1941, 32, 91-115.
- 402.16 Nowlis, V. Sexual status and degree of hunger in chimpanzee competitive interaction. J. comp. Psychol., 1942, 34, 185-194.
- 402.17 Hayes, K. J. & Hayes, C. Picture perception in a home raised chimpanzee. J. comp. physiol. Psychol., 1953, 46, 470-474.
- 402.18 Lev, J. & Kinder, E. F. New analysis of variance formulas for treating data from mutually paired subjects. Psychometrika, 1957, 22, 1-15.
- 402.19 Rogers, C. M., Menzel, E. W., Jr., & Davenport, R. K., Jr. The effects of environmental factors on chimpanzee response to novelty. Amer. Psychol., 1960, 15, 617.
- 402.20 Riopelle, A. J. Extreme environments and complex performance of primates. Progress Report, Yerkes Labs of Primate Biology, Florida, 1960.
- 402.21 Rohles, F. H., Reynolds, H. H., Grunzke, M. E., & Farrer, D. N. A laboratory model for a 14-day orbital flight with a chimpanzee. Air Force Missile Development Center Technical Report 61-33, Holloman Air Force Base, New Mexico, October, 1961.
- 402.22 Rogers, C. M., & Riopelle, A. J. Test performance of chimpanzees of differing ages. Paper read at Am. Psych. Ass., New York, September 1961.
- 402.23 Riopelle, A. J. Extreme environments and complex performance of primates. Progress Rept., 1961, 1 Nov 60-30 Oct 1961.
- 402.24 Rohles, F. H., Grunzke, M. E., & Reynolds, H. H. A detailed account of chimpanzee performance during the ballistic and orbital Project Mercury flights. Aeromedical Research Laboratory Technical Documentary Report 62-15, Holloman AFB, New Mexico, 1962.
- 402.25 Grunzke, M. E., Rohles, F. H., Belleville, R. E., & Wilson, G. L. Chimpanzee performance on a two-dimensional discrete tracking task. Aeromedical Research Laboratory Technical Documentary Report 62-16, Holloman AFB, New Mexico, 1962.
- 402.26 Savoini, C. S., Reed, G. A., & Burnette, H. W. Automatic computer processing of chimpanzee physiological and psychomotor data. Aerospace Med., 1962, 33, 350-351.
- 402.27 Rohles, F. H., Reynolds, H. H., Grunzke, M. E., & Farrer, D. N. A performance schedule for extended space flight with the chimpanzee. Aeromedical Research Laboratory Technical Documentary Report 62-14, Holloman AFB, New Mexico, 1962.

402.28 Reynolds, H. H., Grunzke, M. E., & Rohles, F. H. The effects of exposure to simulated launch and re-entry profiles on chimpanzee performance. Air Force Missile Development Center Technical Documentary Report No. ARL-TDR-62-1, Holloman Air Force Base, New Mexico, March, 1962.

402.29 Treickler, F. R., Morel, J. A., & Meyer, D. R. An assessment of automatically dispensed primate reinforcers. Jour. Exptl. Analysis Behavior, 1962, 5, 537-539.

402.30 Rohles, F. H., Pegram, G. V., Reynolds, H. H., Grunzke, M. E., & Farrer, D. N. A complex avoidance schedule for stress and drug research with primates. Aeromedical Research Laboratory Technical Documentary Report No. 63-16, Holloman AFB, New Mexico, 1963.

402.31 Rohles, F. H., Reynolds, H. H., & Grunzke, M. E. A 30-day study of chimpanzee performance on a self-paced task for food and water. Aeromedical Research Laboratory Technical Documentary Report No. 63-15, Holloman AFB, New Mexico, 1963.

402.32 Farrer, D. N., Grunzke, M. E., & Gilbert, G. A. Chimpanzee performance on a continuous avoidance task during acceleration at sustained low levels. Aerospace Med., 1963, 34, 744-749.

402.33 Reynolds, H. H., Grunzke, M. E., & Rohles, F. H. The effects of exposure to simulated launch and re-entry profiles on chimpanzee performance. Aerospace Med., 1963, 34, 196-200.

402.34 Bergwin, C. R. & Coleman, W. T. Animal astronauts: They opened the way to the stars. Englewood Cliffs, N. Y.: Prentice-Hall, 1963, 207 pp, pls.

402.35 Menzel, E. W. The effects of cumulative experience on responses to novel objects in young isolation-reared chimpanzees. Behavior, 1963, 21, 1-12.

402.36 Schastnyi, A. I. (Physiological mechanisms of determination of complex behavior of anthropoid apes (chimpanzee).) Dokl. Akad. Nauk SSSR, 1963, 149, 995-998. Engl. trans.: Dokl. Akad. Nauk SSSR, 1963, Otd. Biol. 149, 486-489.

402.37 Rohles, F. H., Grunzke, M. E., & Reynolds, H. H. Chimpanzee performance during the ballistic and orbital Project Mercury flights. J. Comp. Physiol. Psych., 1963, 56, 2-10.

402.38 Menzel, E. W., Jr., Davenport, R. K., Jr., & Rogers, C. M. The effects of environmental restriction upon the chimpanzee's responsiveness to objects. J. Comp. Physiol. Psych., 1963, 56, 78-85.

402.39 Henry, J. P., & Mosely, J. D. (Eds). Results of the Project Mercury ballistic and orbital flights. Nat. Aeronaut. Space Admin. Rep. No. NASA Sp-39, Washington, D. C.: Government Printing Office, 1963.

402.40 Mason, W. A., Saxon, S. V., & Sharpe, L. G. Preferential responses of young chimpanzees to food and social rewards. Psychol. Rec., 1963, 13, 341-345.

402.41 Rohles, F. H., Reynolds, H. H., Grunzke, M. E., & Farrer, D. N. Fourteen day restraint for an orbital flight with a chimpanzee. In Pickering, D. E., (Ed.), Research with primates, Beaverton, Oregon: Tektronix Foundation, 1963.

402.42 Novoselova, S. L. Experimental formation of intellectual operations in primates. Voprosy Psichologii, 1963, No. 3, 88-98.

402.43 Farrer, D. N., Warrell, J. E., & Gilbert, G. A. A replication of chimpanzee performance during acceleration at sustained low levels. Aeromedical Research Laboratory Technical Documentary Report No. 64-8, Holloman AFB, New Mexico, 1964.

402.44 Reynolds, H. H., Gilbert, G. A., Bogo, V., & Barnhart, G. T. Chimpanzee performance during eight days of simulated orbital flight. Aeromedical Research Laboratory Technical Documentary Report No. 64-2, Holloman Air Force Base, New Mexico, 1964.

402.45 Farrer, D. N., & Warrell, J. E. Chimpanzee performance during sustained transverse acceleration. Aeromedical Research Laboratory Technical Report No. 65-2, Holloman AFB, New Mexico, 1965.

402.46 Furchtgott, E. Radiation as a tool in studies of behavioral age changes. Chapter 23 in Behavior aging and the nervous system: Biological determinants of speed of behavior and its changes with age. A. T. Welford & J. E. Birren, (Eds.) Springfield, Illinois: Charles C. Thomas, 1965.

402.47 Myers, R. E. Information transfer (brain). McGraw-Hill Yb. Sci. Tech., 1965, 1965, 217-221.

402.48 Koestler, A. G. The effect on the chimpanzee of rapid decompression to a near vacuum. NASA Contractor Report CR-329, Holloman AFB, New Mexico, 1965.

402.49 Strong, P. N., Jr. Comparative studies in oddity learning: III. Apparatus transfer in chimpanzees and children. Psychon. Sci., 1965, 7, 43.

402.50 Thompson, W. D., Kirk, R. E., & Flynn, J. C. An exploratory study in comparative psychophysiology. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-66-16, Holloman Air Force Base, New Mexico, 1966, xi, 69 pp.

402.51 Davenport, R. K., Menzel, E. W., & Rogers, C. M. Effects of severe isolation on "normal" juvenile chimpanzees. Archives of General Psychiatry, 1966, 14, 134-138.

- 402.52 Schastnyi, A. I. (A physiologic analysis of "voluntary" acts in the behavior of anthropoid apes (chimpanzees).) Dokl. Akad. Nauk SSSR, 1966, Otd. Biol. 171, 1454-1457. Engl. Trans.: Dokl. Akad. Nauk SSSR, 1966, 171, SS6-SSS.
- 402.53 Schnastnyi, A. I. (Physiological principles of intensity trends of complex behavior in manlike behavior in anthropoid apes (chimpanzee).) Pp. 114-118 in (Materials on expanded scientific conference on problems of higher nervous activity. Abstracts of communique, 13-15 October, 1966.) Kutsaisi, U. S. S. R., 1966.
- 402.54 Kratochvil, C. H. Experience with the chimpanzee as an experimental space-flight animal. Pp. 265-271 in Nat. Aeronaut. Space Admin. Rep. No. NASA SP-115, Washington, D. C., National Aeronautics and Space Administration, 1966.
- 402.55 Schastnyi, A. I. (Experimental investigations of constructive activities in manlike monkeys (chimpanzee).) Vop. Antrop., 1966, 22, 146-152.
- 402.56 Ternes, J. W., Farrer, D. N., & Deavours, G. M. A freerunning circadian operant behavior rhythm in the chimpanzee. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-67-13, Holloman AFB, New Mexico, 1967, iii, 18 pp. Abstract: Biol. Abstr., 1967, 48, #99609.
- 402.57 Tenaza, R., Ross, B., Berkson, G., & Tanticharaenos, P. Individual behavior and activity rhythms of captive slow lorises (Nycticebus coucang). Anim. Behav., 1969, 17, 664-669.
- 402.58 Menzel, E. W., Jr. Naturalistic and experimental research on primates. Hum. Develop., 1967, 10, 170-186.
- 402.59 Brown, H. Behavioral studies of animal vision and drug action. Int. Rev. Neurobiol., 1967, 10, 277-322.
- 402.60 Condon, W. S. & Ogston, W. D. A method of studying animal behavior. J. audit. Res., 1967, 7, 359-365.
- 402.61 Beach, F. A. Cerebral and hormonal control of reflexive mechanisms involved in copulatory behavior. Physiol. Rev., 1967, 47, 289-316.
- 402.62 Gardner, B. T. & Gardner, R. A. How a young chimpanzee was toilet trained. Lab. Primate Newslett., 1968, 7(4), 1-3.
- 402.63 Strong, P. N., Jr., Drash, P., & Hedges, M. Solution of dimension abstracted oddity as a function of species, experience, and intelligence. Psychon. Sci., 1968, 11, 337-338.
- 402.64 Koestler, A. G., McCain, G., Hurst, C. M., & Deavours, G. M. Behavioral performance. Pp. 1-41 in Exposure limits for chimpanzees at near vacuum following rapid decompression. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-69-6, A. G. Koestler, (Ed.) Holloman AFB, New Mexico, 1969.

402.65 Reynolds, H. H., Kratochvil, C. H., Wilson, G. L., Koestler, A. G., Lewis, O. L., Chisum, J. A., Catone, N. D., Tremblay, J. A., Murray, J. T., Steinhauer, H. G., & Schultz, K. H. Discussion paper: Demonstration of experimental techniques using nonhuman primates. Ann. N. Y. Acad. Sci., 1969, 162, 381-386.

402.66 Rohles, F. H., (Ed.) Circadian rhythms in nonhuman primates. Bibl. primat., 1969, 9, 1-127.

402.67 Halberg, F. Circadian system of nonhuman primates. Summary of a symposium in 1968 and of some earlier work. Bibl. primat., 1969, 9, 106-127, 1 pl.

402.68 Farrer, D. N. & Ternes, J. W. Illumination intensity and behavioral circadian rhythms. Bibl. primat., 1969, 9, 1-7.

402.69 Pilleri, G. Über angeborene Verhaltensmuster und deren phylogenetische Wurzeln bei Cortexatrophien. (Innate Behavior Patterns and Their Phylogenetic Roots in Cortical Atrophy.) Psychiat. Clin. (Basel), 1969, 2, 268-278.

402.70 Stout, C., Ogilvie, P. W., & Lemmon, W. B. The correlation of behaviour and pathology in zoo animals. Int. Zoo Yearb., 1969, 9, 197-198.

402.71 Reynolds, H. H., (Ed.) Chimpanzee: Central nervous system and behavior; a review. Primates in Med., 1969, 4, 1-159.

402.72 Rumbaugh, D. M. & McCormack, C. Attentional skills of great apes compared with those of gibbons and squirrel monkeys. Pp. 167-172 in Proceedings of the second international congress of primatology, vol. 1, C. R. Carpenter, (Ed.) Basel: S. Karger, 1969.

402.73 Black, P. & Myers, R. E. Behavioral studies in the commissure-sectioned chimpanzee. Pp. 64-67 in Proceedings of the second international congress of primatology, vol 3, H. O. Hofer, (Ed.) Basel: S. Karger, 1969.

402.74 Harlow, H. F., Schlitz, K. A., & Harlow, M. K. Effects of social isolation on the learning performance of rhesus monkeys. Pp. 178-185 in Proceedings of the second international congress of primatology, vol. 1, C. R. Carpenter, (Ed.) Basel: S. Karger, 1969.

402.75 Joffe, M. H. Behavioral effects of STP. Advanc. ment. Sci., 1970, 2, 36-40.

402.76 Freeman, F. P., McNew, J. J., & Adey, W. R. Sleep of unrestrained chimpanzee: Differences between first and last rapid eye movement periods. Folia primat., 1970, 13, 144-149.

- 402.77 DeValois, R. L. Vision. Chapter 3 in Behavior of nonhuman primates. Modern research trends, vol. 3, A. M. Schrier & F. Stollnitz, (Eds.) New York: Academic Press, 1971.
- 402.78 McNew, J. J., Howe, R. C., & Adey, W. R. The sleep cycle and subcortical-cortical EEG relations in the unrestrained chimpanzee. Electroenceph. clin. Neurophysiol., 1971, 30, 489-503.
- 402.79 Razran, G. The observable unconscious and the inferable conscious in current Soviet psychophysiology. Psychol. Rev., 1961, 68, 81-147. Also: Chapter 56 in Biofeedback and self-control, J. Kamiya, T. X. Barber, L. V. DiCara, N. E. Miller, D. Shapiro, & J. Stoyva, Chicago: Aldine, 1971.
- 402.80 Snyder, F. F. The physiology of dreaming. Behav. Sci., 1971, 16, 31-44.
- 402.81 Cole, J. M., Pieper, W. A. & Rumbaugh, D. M. Effects of ⁹-tetrahydrocannabinol on spaced responding in great apes. Commun. behav. Biol., 1971, A6, 285-293.
- 402.82 Freemon, F. R., McNew, J. J. & Adey, W. R. Chimpanzee sleep stages. Electroenceph. clin. Neurophysiol., 1971, 31, 485-489.

403.00 Experimental Psychobiology
(Telemetry & Self Stimulation)

- 403.1 Findley, J. D. Detecting and recording the behavior of animals in multi-enclosure, programmed environment. In L. E. Slater (Ed.), Biotelemetry: The use of telemetry in animal behavior and physiology in relation to ecological problems, New York: The MacMillan Co., 1963.
- 403.2 Ferster, C. B. A combination lock for automatic programming of two animals in a single experimental space. Journal of the Experimental Analysis of Behavior, 1964, 7, 198.
- 403.3 Ferron, R. R. Basics of the radiography of small primates. Lab. Anim. Care, 1967, 17, 594-599.
- 403.4 Russell, R. H. Physiological instrumentation for free ranging chimpanzees. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-68-1, Holloman Air Force Base, New Mexico, 1968, vii, 82 pp.
- 403.5 Kado, R. T. & Adey, W. R. Electrode problems in central nervous monitoring in performing subjects. Ann. N. Y. Acad. Sci., 1968, 148, 263-278.
- 403.6 Kripke, D. F. & Bert, J. Techniques for telemetry of chimpanzee sleep electroencephalogram. J. Appl. Physiol., 1968, 25, 461-462.
- 403.7 Van Citters, R. L. & Franklin, D. L. Cardiovascular research in wild animals: Telemetry techniques and applications. Acta Zool. Path. (Antwerp), 1969, 48, 243-263.
- 403.8 Delgado, J. M. R., Bradley, R. J., Johnston, V. S., Weiss, G. & Wallace, J. D. Conditioned suppression via subcortical radio stimulation in the chimpanzee. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-69-1, Holloman Air Force Base, New Mexico, 1969, iii, 16 pp. (Dept. Commerce Clearinghouse #AD-684 153)
- 403.9 Delgado, J. M. R. Radio stimulation of the brain in primates and man. Anesth. Analg. Curr. Res., 1969, 48, 529-542.
- 403.10 Delgado, J. M. R. Radio-controlled behavior. N. Y. St. J. Med., 1969, 69, 413-417.
- 403.11 Delgado, J. M. R. & Weiss, G. UHF stimulation system. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-69-11, Holloman Air Force Base, New Mexico, 1969, iii, 16 pp.
- 403.12 Delgado, J. M. R. Multi-channel transdermal stimulation of the brain. 6517st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-70-1, Holloman Air Force Base, New Mexico, 1970, iii, 24 pp.

403.13 Delgado, J. M. R., Johnston, V. S., Wallace, J. D. & Bradley,
R. J. Operant conditioning of amygdala spindling in the free chimpanzee.
Brain Res., 1970, 22, 347-362.

404.00 Sensory Processes
(Vision)

- 404.1 Kohler, W. Aus der Anthropoidenstation auf Teneriffa. II. Optische Untersuchungen am Schimpansen und am Haushuhn. (From the Anthropoid Station at Tenerife. II. Optical research on the chimpanzee and on the house hen.) Abh. preuss. Akad. Wiss., 1915, 70 pp.
- 404.2 Kohler, W. Die Farbe der Sehdinge beim Schimpansen und beim Haushuhn. (The color of visual objects in the chimpanzees and in the house hen.) Z. Psychol., 1917, 77, 248-255.
- 404.3 Kohler, W. Aus der Anthropoidenstation auf Teneriffa. IV. Nachweis einfacher Strukturfunktionen beim Schimpansen und beim Haushuhn: Uebe eine neue Methode zur Untersuchung des bunten Farbensystems. (From the Anthropoid Station at Tenerife. IV. Proof of simple structural functions in chimpanzees and in the house hen: A new method for investigation of the color system.) Abh. preuss. Akad. Wiss., Berlin, 1918, 1-101.
- 404.4 Buytendijk, F. J. J. & Revesz, G. L'importance speciale du sens de la vue dans les phenomenes de reconnaissance chez les singes inferieurs. (The special importance of the sense of vision in the phenomenon of recognition in the lower apes.) Arch. neerl. Physiol., 1923, 8, 14-19.
- 404.5 Yerkes, R. M. & Petrunkevitsch, A. Studies of chimpanzee vision by Ladygin-Kohts. J. comp. Psychol., 1925, 5, 99-108.
- 404.6 Gellerman, L. W. Form discrimination in chimpanzees and two-year-old children. I. Form (triangularity) per se. J. genet. Psychol., 1933, 42, 3-27.
- 404.7 Gellerman, L. W. Form discrimination in chimpanzees and two-year-old children. II. Form versus background. J. genet. Psychol., 1933, 42, 28-50.
- 404.8 Spence, K. W. Visual acuity and its relation to brightness in chimpanzee and man. J. comp. Psychol., 1934, 18, 333-361.
- 404.9 Baley, S. Le comportement des enfants et des singes inferieurs en presence des objects places sur un support. (The behavior of children and of lower apes in the presence of objects placed on a support.) Acta psychol., Hauge, 1935, 1, 30-38.
- 404.10 Nissen, H. W., & McCulloch, T. L. A comparison of the "paired stimuli" and "strata" techniques in establishment of visual discriminations by chimpanzees. Psychol. Bull., 1935, 32, 697-698.
- 404.11 Spence, K. W. "Relative" vs."absolute" size discrimination by chimpanzees. Psychol. Bull., 1938, 35, 505.

- 404.12 Grether, W. F. A comparison of human and chimpanzee spectral hue discrimination curves. J. exp. Psychol., 1940, 26, 394-403.
- 404.13 Grether, W. F. Chimpanzee color vision: I. Hue discrimination at three spectral points. J. comp. Psychol., 1940, 29, 167-177.
- 404.14 Grether, W. F. Chimpanzee color vision: II. Color mixture proportions. J. comp. Psychol., 1940, 29, 179-186.
- 404.15 Grether, W. F. Chimpanzee color vision: III. Spectral limits. J. comp. Psychol., 1940, 29, 187-192.
- 404.16 Grether, W. F. The magnitude of simultaneous color and brightness contrast for chimpanzee. Psychol. Bull., 1940, 37, 500-501.
- 404.17 Grether, W. F. Comparative visual acuity thresholds in terms of retinal image widths. J. comp. Psychol., 1941, 31, 23-33.
- 404.18 Grether, W. F. Spectral saturation curves for chimpanzees and man. J. exp. Psychol., 1941, 28, 419-427.
- 404.19 Grether, W. F. The evolution of color vision: notable experiments in primate biology. Yale Sci. Mag., 1941, 15, 21-22.
- 404.20 Spence, K. W. The basis of solution by chimpanzees of the intermediate size problem. J. exp. Psychol., 1942, 31, 257-271.
- 404.21 Grether, W. F. The magnitude of simultaneous color contrast and simultaneous brightness contrast for chimpanzee and man. J. exp. Psychol., 1942, 30, 69-83.
- 404.22 Riesen, A. H. & Clark, G. Chimpanzees reared in darkness. State College, Pa., Psychological Cinema Register, 1947, Film 414 ft, 16 mm, silent, \$26.00.
- 404.23 Riesen, A. H. Arrested vision: In which chimpanzees raised in the dark shed light on the relationship between visual experience and visual development. Sci. Amer., 1950, 183, 16-19.
- 404.24 Schiller, P. H. Figural preferences in the drawings of a chimpanzee. J. comp. physiol. Psychol., 1951, 44, 101-111.
- 404.25 Ash, P. The sensory capacities of infra-human mammals: vision, audition, gustation. Psychol. Bull., 1951, 48, 289-326.
- 404.26 Fantz, R. L. A method for studying early visual development. Percept. mot. Skills, 1956, 6, 13-15.
- 404.27 Carpenter, B., & Carpenter, J. T. The perception of movement by young chimpanzees and human children. J. comp. phys. Psychol., 1958, 51, 782.

- 404.28 Fantz, R. L. Visual discrimination in a neonate chimpanzee. Perceptual and Motor Skills, 1958, 8, 59-66.
- 404.29 Riesen, A. H. Effects of stimulus deprivation on the development and atrophy of the visual sensory system. Amer. J. Orthopsychiat., 1960, 30, 23-36.
- 404.30 Menzel, E. W. Size judgement and the horizontal vertical illusion in the chimpanzee. Amer. Psychologist, 1960, 15, 621.
- 404.31 Menzel, E. W., Davenport, R. K., Jr., & Rogers, C. M. Utilization of various visual cues by young isolation reared chimpanzees. Amer. Psychologist, 1960, 15, 617.
- 404.32 Menzel, E. W. Selection of food by size in the chimpanzee and comparison with human judgments. Science, 1960, 131, 1527-1528.
- 404.33 Smythe, R. H. Animal vision: What animals see. Chas. C. Thomas, 1961.
- 404.34 Menzel, E. W., Jr. Perception of food size in the chimpanzee. J. comp. physiol. Psychol., 1961, 54, 588-591.
- 404.35 Fantz, R. L. The origin of form perception. Sci. Amer., 1961, 204(5), 66-72.
- 404.36 Menzel, E. W., Jr. Individual differences in the responsiveness of young chimpanzees to stimulus size and novelty. Perceptual and Motor Skills, 1962, 15, 127-134.
- 404.37 Chason, L. R. & Thompson, W. D. A bidirectional gradient of generalized conditioned response based on a visual-spatial dimension in chimpanzees. Aeromedical Research Laboratory Technical Report 63-20, Holloman AFB, New Mexico, 1963.
- 404.38 Berkson, G. & Fitz-Gerald, F. L. Temporal sequence of eye fixations in the orienting response of infant chimpanzees. Perceptual and Motor Skills, 1963, 17, 107-117.
- 404.39 Berkson, G. & Fitz-Gerald, F. L. Eye fixation aspect of attention to visual stimuli in infant chimpanzees. Science, 1963, 139, 586-587.
- 404.40 Walk, R. D. The study of visual depth and distance perception in animals. Advanc. Stud. Behav., 1965, 1, 99-154.
- 404.41 Fantz, R. L. Ontogeny of perception. In Schrier, A. M., Harlow, H. F., & Stollnitz, F. (Eds.), Behavior of nonhuman primates: Modern research trends, New York: Academic Press, 1965.

- 404.42 Berkson, G. Eye fixation responses to one or two stimuli. J. comp. physiol. Psychol., 1965, 59, 422-426.
- 404.43 Berkson, G. Eye fixation responses of kittens and infant chimpanzees to onset and offset of a stimulus. Perceptual and Motor Skills, 1965, 21, 619-624.
- 404.44 Stollnitz, F. Spatial variables; observing responses, and discrimination learning sets. Psychological Review, 1965, 72, 247-261.
- 404.45 Farrer, D. N., & Milner, J. Visual stimulus redintegration in the chimpanzee. Aeromedical Research Laboratory Technical Documentary Report No. 66-19, Holloman AFB, New Mexico, 1966.
- 404.46 Kortlandt, A. Reply. Curr. Anthropol., 1967, 8, 255-257.
- 404.47 Naquet, R., Killam, K. F., & Rhodes, J. M. Flicker stimulation with chimpanzees. Life Sci., 1967, 6, 1575-1578.
- 404.48 Marton, M. L., Szirtes, J., Urban, J. Experimente über artspezifische Wahrnehmungsscheinungen bei Affen. (An experiment concerning species-specific perception of gloss (shine) in apes.) Studia psychol., 1968, 10, 183-193.
- 404.49 Dawkins, R. The attention threshold model. Anim. Behav., 1969, 17, 134-141.
- 404.50 Gibson, E. J. The development of perception as an adaptive process. Amer. Sci., 1970, 58, 98-107.
- 404.51 Farrer, D. N. & Young, F. A. Chimpanzee color vision, acuity, and ocular components. In The Chimpanzee. Vol. 2. Physiology, behavior, serology, and diseases of chimpanzees. G. H. Bourne (Ed.) Published in simultaneous European (Basel: Karger, 1970) and American (Baltimore: University Park Press, 1970) editions.
- 404.52 Young, F. A., Leary, G. A., & Farrer, D. N. Four years of annual studies of chimpanzee vision. Amer. J. Optom., 1971, 48, 407-416.
- 404.53 Davenport, R. K. & Rogers, C. M. Perception of photographs by apes. Behaviour, 1971, 39, 318-320.

405.00 Sensory Processes (Audition)

405.1 Elder, J. H. Audiometric studies with the chimpanzee. Psychol. Bull., 1933, 30, 547-548.

405.2 Elder, J. H. Auditory acuity of the chimpanzee. J. comp. Psychol., 1934, 17, 157-183.

405.3 Elder, J. H. The upper limit of hearing in the chimpanzee. Amer. J. Physiol., 1935, 112, 109-115.

405.4 Bierans de Haan, J. A. Discriminations of musical tempo by a young chimpanzee. Arch. Neerland. Zool., 1951, 8, 393-399.

405.5 Tembrock, G. Acoustic behaviour of mammals. In Busnel, R. G., (ed.), Acoustic behaviour of animals, Amsterdam: Elsevier Publishing Company, 1963.

405.6 Zvorykin, V. P. Morphological rearrangement of the auditory analyzer in connection with the range of pitch of sounds in primates. Int. Congr. anthropol. ethnol. Sci., 1964, 7, 1-9.

405.7 Farrer, D. N., & Prim, M. M. A preliminary report on auditory frequency threshold comparisons of humans and preadolescent chimpanzees. Aeromedical Research Laboratory Technical Documentary Report No. 65-6, Holloman Air Force Base, New Mexico, 1965.

405.8 Stebbins, W. C. Hearing. Chapter 4 in Behavior of nonhuman primates. Modern research trends, vol. 3, A. M. Schrier & F. Stollnitz, Eds, New York: Academic Press, 1970.

405.9 Peterson, E. A., Wruble, S. D. & Ponzoli, V. I. Auditory responses in tree shrews and primates. J. Audit. Res., 1968, 8, 345-355. Abstract: Biol. Abstr., 1970, 51, #13887.

405.10 Heffner, H. & Masterton, B. Hearing in primitive primates: Slow loris (Nycticebus coucang) and potto (Perodicticus potto). J. comp. physiol. Psychol., 1970, 71, 175-182.

406.00 Sensory Processes
(Taste, Touch, Smell)

- 406.1 McCulloch, T. L. Discrimination of lifted weights by chimpanzees. J. comp. Psychol., 1941, 32, 507-519.
- 406.2 Roginsky, G. S. On the question of touch in chimpanzees. Sovetsk. Nevropsikhiat., 1941, 6, 623-627 (Russ.)
- 406.3 Patton, H. D., & Ruch, T. C. Preference threshold for quinine hydrochloride in chimpanzee, monkeys and rat. J. comp. Psychol., 1944, 37, 35-49.
- 406.4 Blackman, T. M. Observations on sense of smell of chimpanzees. Amer. J. phys. Anthropol., 1947, 5, 283-294.
- 406.5 Nissen, H. W., Chow, K. L., & Semmes, J. Effects of restricted opportunity for tactial, kinesthetic and manipulative experience on the behavior of a chimpanzee. Amer. J. Psychol., 1951, 64, 485-507.
- 406.6 Myers, R. E., & Henson, C. O. Role of corpus callosum in transfer of tactuokinesthetic learning in chimpanzee. Arch. Neurol., Chicago, 1960, 3, 404-409.
- 406.7 Eaton, J. W. & Gavan, J. A. Sensitivity to P-T-C among primates. Amer. J. phys. Anthropol., 1965, 23, 381-388.
- 406.8 Adey, W. R. Higher olfactory center. Pp. 357-387 in Taste and smell in vertebrates, G. E. W. Wolstenhome & J. Knight, Eds. London: J. A. Churchill, 1970, x 402 pp.
- 406.9 Glaser, D. Über Geschmacksleistungen bei Primaten. (Concerning the taste-ability in primates.) Z. Morph. Anthropol., 1970, 62, 285-289.

407.00 The Action System
(General)

407.1 Blount, W. P. Studies of the movements of the eyelids of animals: blinking. Quart. J. exp. Physiol., 1928, 18, 111-125.

407.2 Schastnyi, A. I. Onervnykh nekhanizmakh slozhnogo provedeniya chelovekoobraznykh obez yon (Schimpanze). (On the neural mechanisms of complex behavior of anthropoid apes (chimpanzee).) Dokl. Akad. Nauk. SSSR, 1961, 139, 763-766.

407.3 Reynolds, H. H., Bogo, V., & Rohles, F. H. A multiple avoidance schedule for measuring temporal processes in the chimpanzee. Aeromedical Research Laboratory Technical Documentary Report No. 63-8, Holloman AFB, New Mexico, 1963.

407.4 Davenport, R. K. & Berkson, G. Stereotyped movements of mental defectives: II. Effects of novel objects. Amer. J. Mental Deficiency, 1963, 67, 879-882.

407.5 Davenport, R. K. & Menzel, E. W. Stereotyped behavior of the infant chimpanzee. Arch. Gen. Psychiatry, 1963, 8, 99-104.

407.6 Menzel, E. W. Responsiveness of object-movement in young chimpanzees. Behavior, 1964, 24, 147-160.

407.7 Andrew, R. J. The displays of the primates. In Buettner-Janusch, J. (Ed.), Evolutionary and genetic biology of primates, New York: Academic Press, 1964.

407.8 Berkson, G., & Mason, W. A. Stereotyped behaviors of chimpanzees: relation to general arousal and alternative activities. Perceptual and Motor Skills, 1964, 19, 635-652.

407.9 Berkson, G. Abnormal stereotyped motor acts. Proc. Amer. psychopath. Ass., 1967, 55, 76-94.

408.00 The Action System
(Reaction Time)

408.1 Forster, M. C. Temporal relations of behavior in chimpanzee and man as measured by reaction time. Psychol. Bull., 1934, 31, 690-691.

408.2 Forster, M. C. & Nissen, H. W. The measurement of reaction time in chimpanzee. Silent film. New York: Instructional Film, Inc., 30 Rockefeller Plaza, 1934, 1 reel, 280 ft., 16 mm, 9 minutes.

408.3 Forster, M. C. Temporal relations of behavior in chimpanzee and man as measured by reaction time. J. comp. Psychol., 1935, 20, 361-383.

408.4 Haslerud, G. M. The effect of movement of stimulus objects upon avoidance reactions in chimpanzees. Psychol. Bull., 1938, 35, 506-507.

408.5 Haslerud, G. M. The effect of movement of stimulus objects upon avoidance reactions in chimpanzees. J. comp. Psychol., 1948, 25, 507-528.

408.6 Reynolds, H. H., Hay, D. L., & Pegram, V. Reaction time of the pre-adolescent chimpanzee. Aeromedical Research Laboratory Technical Report No. 64-10, Holloman Air Force Base, New Mexico, 1964.

408.7 Reynolds, H. H., Hay, D. L., & Pegram, V. Reaction time of pre-adolescent chimpanzee under conditions of negative reinforcement. Perceptual and Motor Skills, 1965, 21, 791-797.

409.00 The Action System
(Hand Usage)

- 409.1 Finch, G. Chimpanzee handedness. Science, 1941, 94, 117-118.
- 409.2 McDowell, A. A., & Nissen, H. W. Solution of a bi-manual coordination problem by monkeys and chimpanzees. J. genet. Psychol., 1959, 94, 35-42.
- 409.3 Bishop, A. Control of the hand in lower primates. Ann. N. Y. Acad. Sci., 1962, 102, 316-337.
- 409.4 Black, P. & Myers, R. E. A neurological investigation of eye-hand control in the chimpanzee. In Ettlinger, E. G. (Ed.), Functions of the Corpus Callosum, Ciba Foundation Study Group No. 20, London: J. & A. Churchill Ltd., 1965.
- 409.5 Tuttle, R. H. Adaptations of the chimpanzee hand to terrestrial locomotion. American Zoologist, 1966, 5, 681.
- 409.6 Döhl, J. Manipulierfähigkeit und "einsichtiges" Verhalten eines Schimpansen bei komplizierten Handlungsketten. (Manual dexterity and "hand-edness" in a chimpanzee during a complicated series of acts.) Z. Tierpsychol., 1966, 23, 77-113.
- 409.7 Kortlandt, A. Handgebrauch bei freilebenden Schimpansen. (Use of the hands in chimpanzees in the wild.) In: B. Rensch (Herausgeber): Handgebrauch und Verständigung bei Affen und Frühmenschen (Use of the hands and communication in monkeys, apes, and early hominids.) Huber, Bern, & Stuttgart, 1967, 59-102.
- 409.8 Tuttle, R. H. Terrestrial trends in the hands of the Anthropoidea. Pp. 192-200 in Proceedings of the second international congress of primatology, vol. 2, H. O. Hofer, (Ed.) Basel: S. Karger, 1969.

410.00 The Action System
(Walking-Locomotion)

- 410.1 Magne de la Croix, P. La marche quadrupedale du chimpanze et de l'homme. (The quadruped walk of the chimpanzee and of man.) Ann. Soc. Cient. Argent., 1930, 110, 393-398.
- 410.2 Elftman, H. The bipedal walking of the chimpanzee. J. Mammal., 1944, 25, 67-71.
- 410.3 Hewes, G. W. Hominid bipedalism: independent evidence for the food-carrying theory. Science, 1964, 146, 416-418.
- 410.4 Prost, J. H. A definitional system for the classification of primate locomotion. American Anthropologist, 1965, 67, 1198-1214.
- 410.5 Prost, J. H. The methodology of gait analysis and gaits of monkeys. Amer. J. Phys. Anthropol., 1965, 23, 215-240.
- 410.6 Hildebrand, M. Symmetrical gaits of primates. Amer. J. phys. Anthrop., 1967, n. s. 26, 119-130.
- 410.7 Napier, J. The antiquity of human walking. Sci. Amer., 1967, 216(4), 56-66.
- 410.8 Lessertisseur, J. Du bipede animal au bipede humain. (Concerning the bi-pedal animal and the bi-pedal human.) Bull soc. Zool. France, 1968, 93, 505-534.
- 410.9 Tuttle, R. H. The way apes walk. Science J., 1969, 5 (5), 66-72.
- 410.10 Tuttle, R. H. Knuckle-walking and the problem of human origins. Science, 1969, 166, 953-961.
- 410.11 Tuttle, R. H. Postural, propulsive, and prehensile capabilities in the cheiridia of chimpanzees and other great apes. In G. H. Bourne (Ed.), The chimpanzee. Vol. 2, Physiology, behavior, serology, and diseases of chimpanzees. Published in simultaneous European (Basel: Karger, 1970) and American (Baltimore: University Park Press, 1970) editions.

411.00 The Action System
(Facial Expressions and Emotions)

- 411.1 Darwin, C. R. The expression of the emotions in man and animals. London: J. Murray, 1872.
- 411.2 Brown, A. E. Grief in the chimpanzee. Amer. Nature, 1879, 13, 1879, 13, 173-175.
- 411.3 Mitchell, C. P., & Pocock, R. I. On the feeding of reptiles in captivity. With observations on the fear of snakes by other vertebrates. Proc. zool. Soc. Lond., 1907, 785-794.
- 411.4 Mitchell, C.P. Monkeys and the fear of snakes. Proc. zool. Soc. Lond., 1922, 1, 347-348.
- 411.5 Antonius, O. Ist die Schlangenfurcht den Affen angeboren? (Is the fear of snakes inborn in apes?) Zool. Gart., 1929, 1, 222-223.
- 411.6 Foley, J. P. Judgment of facial expression of emotion in the chimpanzee. J. soc. Psychol., 1935, 6, 31-67.
- 411.7 Yerkes, R. M. & Yerkes, A. W. Nature and conditions of avoidance-(fear) response in chimpanzee. J. comp. Psychol., 1936, 21, 53-66.
- 411.8 Hunt, W. A., Landis, C., & Jacobsen, C. F. Studies of the startle pattern. V. Apes and monkeys. J. Psychol., 1936, 3, 339-343.
- 411.9 Landis, C. & Hunt, W. A. The startle pattern. New York: Farrar & Rinehart, Inc., 1939, 168 pp.
- 411.10 Fletcher, F. M. Certain behavior patterns associated with a conflict situation in young chimpanzees. Psychol. Bull., 1940, 37, 488.
- 411.11 Finch, G. Chimpanzee frustration responses. Psychosom. Med., 1942, 4, 233-251.
- 411.12 Hebb, D. O. & Riesen, A. H. The genesis of irrational fears. Bull. Canad. psychol. Ass., 1943, 3, 49-50.
- 411.13 Hebb, D. O. The forms and conditions of chimpanzee anger. Bull. Canad. psychol. Ass., 1945, 5, 32-35.
- 411.14 Kellogg, W. N. & Kellogg, L. A. Facial expressions of a human and a chimpanzee infant following taste stimuli. Film, State College, Pennsylvania, Psychological Film Register, 1945, 192 ft., 16 mm, silent, \$12.00.
- 411.15 Hebb, D. O. The objective description of temperament. Amer. Psychologist, 1946, 1, 275-276.

- 411.16 Hebb, D. O. Emotion in man and animal: an analysis of the intuitive processes of recognition. Psychol. Rev., 1946, 53, 88-106.
- 411.17 Hebb, D. O. On the nature of fear. Psychol. Rev., 1946, 53, 259-276.
- 411.18 Hebb, D. O. Temperament in chimpanzees: I. Method of analysis. J. Comp. physiol. Psychol., 1949, 42, 192-206.
- 411.19 Kellogg, W. N. Superstitious behavior in animals. Psychol. Rev., 1949, 56, 172-175.
- 411.20 van Hooff, J. A. R. A. M. Facial expressions in higher primates. In: Evolutionary aspects of animal communication. Symposia Zool. Soc., London, 1962, 8, 97-125.
- 411.21 van Hooff, J. Facial expressions in higher primates. Symp. zool. soc. Lond., 1963, 10, 103-104.
- 411.22 Bolwig, N. Facial expression in primates with remarks on a parallel development in certain carnivores (A preliminary report on work in progress.) Behaviour, 1964, 22, 167-192.
- 411.23 Bronson, G. W. The fear of novelty. Psychol. Bull., 1968, 69, 350-358.
- 411.24 Gray, J. A. & Buffery, A. W. H. Sex differences in emotional and cognitive behaviour in mammals including man: Adaptive and neural bases. Acta psychol. (Amst.), 1971, 35, 89-111.
- 411.25 Candland, D. K. The ontogeny of emotional behavior. In H. Moltz (Ed.), Ontogeny of vertebrate behavior, New York: Academic Press, 1971.

412.00 Maturation of Behavior

- 412.1 White, B. A. A captive-born chimpanzee. Sci. Mon., 1929, 29, 558-565.
- 412.2 Kellogg, W. N. Humanizing the ape. Psychol. Rev., 1931, 38, 160-176.
- 412.3 Jacobsen, C. F., Jacobsen, M. M., & Yoshioka, J. G. Development of an infant chimpanzee during her first year. Comp. Psychol. Monogr., 1932, 9, 94 pp.
- 412.4 Kellogg, W. N. & Kellogg, L. A. Comparable development in child and chimpanzee. Film, Chicago: Stoelting, Bloomington, Ind. Psychological Lab., Indiana University, 1933.
- 412.5 Yerkes, R. M., & Bingham, H. C. Glimpses of chimpanzee behavior from infancy to maturity. Film, silent, New York: Instructional Films, Inc., 30 Rockefeller Plaza, 1933, 16 mm, 355 ft., 12 minutes.
- 412.6 Kellogg, W. N. & Kellogg, L. A. The ape and the child. New York: McGraw-Hill, 1933.
- 412.7 Kohts, N. Infant ape and human child (instincts, emotions, play, habits). Sci. Mem. Mus. Darwinianum, 1935, 3, 596 pp.
- 412.8 Kohts, N. La conduite du petit du chimpanzé et de l'enfant de l'homme. (The conduct of the young chimpanzee and human baby.) J. Psychol. norm. path., 1937, 34, 494-531.
- 412.9 Hofstaetter, P. R. The rate of maturation and the cephalization coefficient: a hypothesis. J. Psychol., 1951, 31, 271-280.
- 412.10 Fischel, W. & Hoerdtle, R. The developmental psychology of the chimpanzee. Prox. Kinderpsychol. Kinderpsychiat., 1953, 2, 161-168, 212-221.
- 412.11 Welker, W. I. Effects of age and experience on play and experience on play and exploration of young chimpanzees. J. comp. physiol. Psychol., 1956, 49, 223-226.
- 412.12 Riopelle, A. J. Growth and behavioral changes in chimpanzees. Z. Morph. Anthropol., 1963, 53, 53-61.

413.00 Modifiability of Behavior
(General)

- 413.1 Nissen, H. W. Concurrent antagonistic visual discrimination habits in the chimpanzee. Psychol. Bull., 1933, 30, 704.
- 413.2 Nissen, H. W. Equivalence and ambivalence of stimuli in chimpanzee. Psychol. Bull., 1934, 31, 617-618.
- 413.3 Dolin, A. O. Comparative investigation of the functions of cortical inhibition in apes and monkeys. Arch. biol. Nauk., 1935, 37, 143-178.
- 413.4 Nissen, H. W., & McCulloch, T. L. Discrimination experiments with chimpanzee, lifted weights and visual stimuli. Silent Film, New York: Instructional Film, Inc. 30 Rockefeller Plaza, 1935, 1 reel, 356 ft, 16 mm, 12 minutes.
- 413.5 Spragg, S. D. S. The displacement of critical responses in spatial stylus mazes by chimpanzees. Psychol. Bull., 1935, 32, 555-556.
- 413.6 Spragg, S. D. S. The displacement of critical responses in temporal stylus maze problems by chimpanzees. Psychol. Bull., 1935, 32, 680.
- 413.7 Maiorov, F. P. Beitraege zur vergleichenden Untersuchung der hoheren Nerventaetigkeit bei den hoheren und niederen Affen. (Contributions to the comparative investigation of the higher neural activities in the higher and lower apes.) Russk. fiziol. Zh., 1935, 19, 781-803.
- 413.8 Spragg, S. D. S. Anticipatory responses in serial learning by chimpanzees. Comp. Psychol. Monogr., 1936, 13, 72 pp.
- 413.9 Nissen, H. W. Reduction and rivalry of differential cues in visual discrimination habits of chimpanzees. Psychol. Bull., 1936, 33, 599-600.
- 413.10 Spence, K. W. The response of chimpanzees to size relationship. Psychol. Bull., 1936, 33, 729-730.
- 413.11 Nissen, H. W. & McCulloch, T. L. Equated and non-equated stimulus situations in discrimination learning by chimpanzees. I. Comparison with unlimited response. J. comp. Psychol., 1937, 23, 165-189.
- 413.12 McCulloch, T. L. & Nissen, H. W. Equated and non-equated stimulus situations in discrimination learning by chimpanzees. II. Comparison with limited response. J. comp. Psychol., 1937, 23, 365-376.
- 413.13 Nissen, H. W. & McCulloch, T. L. Equated and non-equated stimulus situation in discrimination learning by chimpanzees. III. Prepotency of response to oddity through training. J. comp. Psychol., 1937, 23, 377-381.

413.14 Crawford, M. P. & Spence, K. W. Imitation: observational learning of discrimination problems by chimpanzees. Psychol. Bull., 1937, 34, 711.

413.15 McCulloch, T. L. The use of the "comfort" drive as motivation in visual discrimination by the infant chimpanzee. Psychol. Bull., 1937, 34, 540-541.

413.16 Spence, K. W. The differential response in animals to stimuli varying within a single dimension. Psychol. Rev., 1937, 44, 430-444.

413.17 Crawford, M. P. & Spence, K. W. Observational learning of discrimination problems by chimpanzees. J. comp. Psychol., 1939, 27, 133-147.

413.18 Elder, J. H. Tests of imitation in chimpanzees. Psychol. Bull., 1939, 36, 595.

413.19 Riesen, A. H. Delayed reward in discrimination learning by chimpanzees. Comp. Psychol. Monogr., 1940, 15, No. 5, 54 pp.

413.20 Spence, K. W. Changes in response of chimpanzees to size stimuli following training on single stimulus. Psychol. Bull., 1940, 37, 570.

413.21 Nissen, H. W. Ambivalent cues in discriminative behavior of chimpanzees. J. Psychol., 1942, 14, 3-33.

413.22 Jenkin, W. O. A spatial factor in chimpanzee learning. J. comp. Psychol., 1943, 35, 81-84.

413.23 Nissen, H. W. & Jenkins, W. O. Reduction and rivalry of cues in the discrimination behavior of chimpanzees. J. comp. Psychol., 1943, 35, 85-95.

413.24 Lashley, K. S., & Wade, M. The Pavlovian theory of generalization. Psychol. Rev., 1946, 53, 72-87.

413.25 Voronin, L. G. On the attitude for imitation in the lower apes. fiziol. Zh. SSSR, 1947 33, 373-380.

413.26 Bierans, de Haan, J. A. Training a young chimpanzee to attend to acoustic stimuli. Bijdragen tot de Dierkunde, 1949, 32-40.

413.27 Nissen, H. W. Description of learned response in discrimination behavior. Psych. Rev., 1950, 57, 121-131.

413.28 Harlow, H. F. Learning. Annu. Rev. Psychol., 1952, 3, 29-54.

413.29 Hayes, K. J., Thompson, R., & Hayes, C. Concurrent discrimination learning in chimpanzees. J. comp. physiol. Psychol., 1953, 46, 105-107.

- 413.30 Hayes, K. J., Thompson, R., & Hayes, C. Discrimination learning set in chimpanzees. J. comp. physiol Psychol., 1953, 46, 99-104.
- 413.31 Thompson, R. Approach-avoidance in an ambivalent object discrimination problem. J. exp. Psychol., 1953, 45, 341-344.
- 413.32 Nissen, H. W., Levinson, B., & Nichols, J. W. Reinforcement and "hypothesis" in the discrimination behavior of chimpanzees. J. exp. Psychol., 1953, 45, 334-340.
- 413.33 Thompson, R. Approach versus avoidance in an ambiguous cue discrimination problem in chimpanzees. Jour. comp. physiol. Psychol., 1954 47, 133-135.
- 413.34 Gonzalez, R. C., Gentry, G. V., & Bitterman, M. E. Relational discrimination of intermediate size in the chimpanzee. J. comp. physiol. Psychol., 1954, 47, 385-388.
- 413.35 Chow, K. L. & Nissen, H. W. Interocular transfer of learning in visually naive and experienced infant chimpanzees. J. comp. physiol. Psychol., 1955, 48, 229-237.
- 413.36 Robinson, J. S. The sameness-difference discrimination problem in chimpanzee. J. comp. psychol. Physiol., 1955, 48, 195-197.
- 413.37 Rensch, B. Aesthetic factors in color and form preferences of pithecioids, Z. Tierpsychol., 1957, 14, 71-99.
- 413.38 Dolin, A. O., Zborovskaya, I. I., & Zamakhovev, S. M. On the role of the orienting-exploratory reflex in conditioned reflex activity. Pp. 54-69 in Orienting reflex and explatory behavior, L. G. Voronin, A. N. Leontiev, A. R. Luria, E. N. Sokolov, & O. S. Vinogradova, (Eds.) Washington, D. C., American Institute of Biological Sciences, 1965, Russian edition: Moscow Academy of Pedagogical Sciences of RSFSR, 1958.
- 413.39 Warren J. M. & Brookshire, K. H. Stimulus generalization and discrimination learning by primates. J. exp. Psychol., 1959, 58, 348.
- 413.40 Makokina, S. M. & Kholodov, I. U. A. Uslovnoe tormozhenie i uslovnoe rastormazhivanie u shimpanze, pavianovsfinksov i sobaki (Conditioned inhibition and conditioned disinhibition in chimpanzees, sphinx baboons, and a dog. Zh. vyssh. veron. Deiatel., 1959, 9, 555-560.
- 413.41 Shirkova, G. I. & Verevkina, G. L. (Conditioned motor chain reflexes in monkeys.) Dokl. Akad. Nauk SSSR, 1960, 133, 730-733. Engl. trans.: Dokl. Akad. Nauk SSSR, 1961, Biol Sci. 133, 621-624. Abstract: Psychol. Abstr., 1961, 35, #4665.
- 413.42 Bernstein, I. S. Presentation factors in discrimination learning by chimpanzees. Psychol. Reports, 1961, 8, 151-153.

- 413.43 Rumbaugh, D. M. & Rice, C. P. Learning-set formation in young great apes. J. comp. Physiol. Psychol., 1962, 55, 866-868.
- 413.44 Schastnyi, A. I. (Rate of differentiation of inhibition during the development of complex forms of behavior in the chimpanzee.) Dokl. Akad. Nauk SSSR, Otd. Biol., 1963, 150, 1404-. Engl. Trans.: Dokl. Akad. Nauk SSSR, (Biol. Sci. Sect.), 1963, 150, 809-812.
- 413.45 Berkson, G., Mason, W. A., & Saxon, S. V. Situation and stimulus effects on stereotyped behaviors of chimpanzees. J. comp. physiol. Psychol., 1963, 56, 786-792.
- 413.46 Firsov, L. A. (Comparison of the results of trace imitation with the results of conditioned trace reflexes in the chimpanzee.) Vop. Antrop., 1963, 13, 52-68.
- 413.47 Schusterman, R. J. Successive discrimination-reversal training and multiple discrimination training in one-trial learning by chimpanzees. J. comp. physiol. Psychol., 1964, 58, 153-156.
- 413.48 Meyer, D. R., Treichler, F. R., & Meter, P. M. Discrete-trial training techniques and stimulus variables. In Schrier, A. M., Harlow, H. F., & Stollnitz, F. (Eds.), Behavior of nonhuman primates: Modern research trends, New York: Academic Press, 1965.
- 413.49 Miles, R. C. Discrimination-learning sets. In Schrier, A. M., Harlow, H. F., & Stollnitz, F. (Eds.), Behavior of nonhuman primates: Modern research trends, New York: Academic Press, 1965.
- 413.50 Dostalek, C. & Figar, S. Backward conditioning in man and chimpanzee. Physiol. bokemoslov., 1956, 5 (Suppl.), 7-9.
- 413.51 Zakher, Y. Y. (Conditioned switching over of the action of "relative" and absolute stimuli in monkeys.) Zh. vyssh. nerv. Deyat. Pavlova, 1966, 16, 994-1001.
- 413.52 Rumbaugh, D. M. & McCormack, C. The learning skills of primates: A comparative study of apes and monkeys. Pp. 289-306 in Neue Ergebnisse der Primatologie, D. Starck, R. Schneider, & H.-J. Kuhn, (Eds.) Stuttgart: Gustav Fischer Verlag, 1967.
- 413.53 Zakher, Y. Y. (Dissociation of conditioned reflexes in apes and monkeys to absolute and "relative" stimuli after reversal of their signal meaning.) Zh. vyssh. nerv. Deyat. Pavlova, 1966, 16, 218-224. Abstract: Biol. Abstr., 1967, 48, #5738.
- 413.54 Kintz, B. L., Foster, M. S., Hart, J. O., O'Malley, J. J., Palmer, E. L. & Sullivan, S. L. A comparison of learning sets in humans, primates and subprimates. J. gen. Psychol., 1969, 80, 189-204.

413.55 Rumbaugh, D. M. Learning skills of anthropoids. Pp. 1-70 in Primate Behavior, vol. 1, L. A. Rosenblum, (Ed.) New York: Academic Press, 1970.

413.56 Davenport, R. K. & Rogers, C. M. Intermodal equivalence of stimuli in apes. Science, 1970, 168, 279-280.

414.00 Modifiability of Behavior
(Operant Conditioning)

- 414.1 Kelleher, R. T. Intermittent conditioned reinforcement in chimpanzees. Science, 1956, 124, 679-680.
- 414.2 Kelleher, R. T. Conditioned reinforcement in chimpanzees. J. comp. physiol. Psychol., 1957, 50, 571-575.
- 414.3 Kelleher, R. T. A comparison of conditioned and food reinforcement on a fixed-ratio schedule in chimpanzees. Psychol. Newsltr., 1957, 8, 88-93.
- 414.4 Kelleher, R. T. A multiple schedule of conditioned reinforcement with chimpanzees. Psychol. Rep., 1957, 3, 485-491.
- 414.5 Ferster, C. B. Concurrent schedules of reinforcement in the chimpanzee. Science, 1957, 125, 1090-1092.
- 414.6 Ferster, C. B. Withdrawal of positive reinforcement as punishment. Science, 1957, 126, 509.
- 414.7 Kelleher, R. T. Fixed-ratio schedules of conditioned reinforcement with chimpanzees. J. Exp. Anal. Behav., 1958, 1, 281-289.
- 414.8 Ferster, C. B. Intermittent reinforcement of a complex response in a chimpanzee. J. Exp. Anal. Behav., 1958, 1, 163-165.
- 414.9 Kelleher, R. T. Stimulus-producing responses and attention in the chimpanzee. J. Exp. Anal. Behav., 1958, 8, 87.
- 414.10 Ferster, C. B. Control of behavior in chimpanzees and pigeons by time out from positive reinforcement. Psych. Monogr., 1958, 72, 38 pp.
- 414.11 Ferster, C. B. A complex concurrent schedule of reinforcement. J. Exp. Anal. Behav., 1959, 2, 65-80.
- 414.12 Belleville, R. E., Rohles, F. H., Jr., Grunzke, M.E., & Clark, F. C. Complex avoidance behavior in the chimpanzee and its applicability to the study of space environment. Air Force Missile Development Center Technical Report 60-27, 1960.
- 414.13 Rohles, F. H., Jr. A theory concerning the development of an instrumental sequence in the chimpanzee. Air Force Missile Development Center Technical Report 61-4, Holloman Air Force Base, New Mexico, 1961.
- 414.14 Belleville, R. E., Rohles, F. H., Jr., & Grunzke, M. E. Behavior of the chimpanzee in a complex multiple schedule. Air Force Missile Development Center Technical Report No. 61-27, Holloman Air Force Base, New Mexico, 1961.

- 414.15 Clark, F. C. Avoidance conditioning in the chimpanzee. J. Exp. Anal. Behav., 1961, 4, 393-395.
- 414.16 Rohles, F. H., Jr. The development of an instrumental skill sequence in the chimpanzee. J. Exp. Anal. Behav., 1961, 4, 324-326.
- 414.17 Bogo, V., Reynolds, H. H., & Rohles, F. H. An expeditious technique for training chimpanzees on a DRL operant conditioning schedule. Aeromedical Research Laboratory Technical Documentary Report No. 63-12, Holloman Air Force Base, New Mexico, 1963.
- 414.18 Belleville, R. E., Rohles, F. H., Grunzke, M. E., & Clark, F. C. Development of a complex multiple schedule in the chimpanzee. J. Exp. Anal. Behav., 1963, 6, 549-556.
- 414.19 Farrer, D. N., & Grunzke, M. E. Training techniques for the continuous avoidance task with chimpanzees. Aeromedical Research Laboratory Technical Documentary Report No. 64-7, Holloman Air Force Base, New Mexico, 1964.
- 414.20 Kelleher, R. T. Operant conditioning. In A. M. Schrier, H. F. Harlow, & F. Stollnitz (Eds.), Behavior of nonhuman primates: Modern research trends, New York: Academic Press, 1965.
- 414.21 Findley, J. D., & Ames, L. L. A note on time out from avoidance with the chimpanzee. J. Exp. Anal. Behav., 1965, 8, 419-423.
- 414.22 Findley, J. D., & Brady, J. V. Facilitation of large ratio performance by use of conditioned reinforcement. J. Exp. Anal. Behav., 1965, 8, 125-129.
- 414.23 Thompson, W. D., Kirk, R. E., Koestler, A. G., & Bourgeois, A. E. A comparison of operant conditioning responses in the baboon, gibbon, and chimpanzee. In H. Vagtborg (Ed.), The baboon in medical research: Proceedings of the first international symposium on the baboon and its use as an experimental animal, New York: Holt, Rinehart and Winston, 1965.
- 414.24 Rohles, F. H., Jr. Operant methods in space technology. Chapter 16 in W. K. Honig (Ed.), Operant behavior: Areas of research and application, New York: Appleton-Century-Crofts, 1966.
- 414.25 Hodos, W. & Trumbule, G. H. Strategies of schedule preference in chimpanzees. J. Exp. Anal. Behav., 1967, 10, 503-514.
- 414.26 Ferster, C. B., Hammer, C. & Randolph, J. An experimental space combining individual and social performances. J. Exp. Anal. Behav., 1968, 11, 209-220.

414.27 Devine, J. V. & Ivens, J. R., Jr. Acquisition of the oddity concept in the chimpanzee. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-69-16, Holloman Air Force Base, New Mexico, 1969, iii, 29 pp.

414.28 Rohles, F. H., Jr. Operant conditioning research with the chimpanzee. In G. H. Bourne (Ed.), The Chimpanzee, vol. 2. Baltimore: University Park Press, 1970.

415.00 Intelligent Behavior
(General)

- 415.1 Brown, A. E. Intelligence in chimpanzees. Amer. Nature, 1878, 12, 554-556.
- 415.2 Romanes, G. J. Animal intelligence. London: Kegan Paul, Trench & Co., 1882.
- 415.3 Royer, C. Facultes mentales et instincts sociaux des singes. (Mental faculties and social instincts of apes.) Rev. Sci., 1886, 12, 257-270; Engl. Trans., Pop. Sci. Mon., 1886, 30, 17-24.
- 415.4 Romanes, G. J. On the mental faculties of Anthropopithecus calvus. Nature, 1889, 40, 160-162.
- 415.5 Romanes, G. J. On the mental faculties of the bald chimpanzee (Anthropopithecus calvus). Proc. zool. Soc. Lond., 1889, 316-321.
- 415.6 Romanes, G. J. Intelligence of chimpanzees. Nature, 1890, 42, 245-246, & 296.
- 415.7 Sokolowsky, A. Zur Frage des Geisteslebens der Menschenaffen. (About the question of the intellectual life of Menschenaffen. (About the question of the intellectual life of the chimpanzee.) Med. Klinik. Berlin, 1909, 5, 1481-1483.
- 415.8 Witmer, L. A monkey with a mind. Psychol. Clin., 1909, 3, 179-205.
- 415.9 Behm, H. W. Zum Geistesleben der Menschenaffen. (About the intellectual life of the anthropoid apes.) Prometheus, 1915, 27, 1-5.
- 415.10 Shepherd, W. T. Some observations on the intelligence of the chimpanzee. J. Anim. Behav., 1915, 5, 391-396.
- 415.11 Furness, W. H. Observations on the mentality of chimpanzees and orangutans. Proc. Amer. Phil. Soc., 1916, 55, 281-290.
- 415.12 Kohler, W. Intelligenzpruefungen an Anthropoiden. (Intelligence tests on anthropoids.) Abh. Preuss. Akad. Wiss., Physikmath. Kl., 1917, No. 1, 213 pp.
- 415.13 Sheak, W. H. Disposition and intelligence of the chimpanzee. Proc. Indiana Acad. Sci., 1917, 301-310.
- 415.14 Kohler, W. Intelligenzpruefungen an Menschenaffen. (Intelligence tests for anthropoid apes.) Berlin: J. Springer, 1921, 194 pp.

- 415.15 Shepherd, W. T. Some observations and experiments of the intelligence of the chimpanzee and orang. Amer. J. Psychol., 1923, 34, 590-591.
- 415.16 Guillaume, P. La psychologie des anthropoides d'apres les travaux recents. Les epreuves d'intelligence. (The psychology of anthropoids after recent works. The proof of intelligence.) J. Psychol. norm. path., 1923, 20, 948-966.
- 415.17 Yerkes, R. M., & Learned, B. W. Chimpanzee intelligence and its vocal expressions. Baltimore: Williams & Wilkins Co., 1925.
- 415.18 Kohler, W. Intelligence in apes. J. genet. Psychol., 1925, 32, 674-690.
- 415.19 Kohler, W. The mentality of apes. New York: Harcourt, Brace, 1925, 342 pp.
- 415.20 Lindemann, E. Untersuchungen ueber primitive Intelligenzleistungen hochgradig Schwachsinniger und ihr Verhaeltnis zu den Leistungen von Anthropoiden. (Research on primitive intelligent performance of high-grade imbeciles and its relation to the performance of anthropoid apes.) Z. ges. Neurol. Psychiat., 1926, Orig., 104, 529-569.
- 415.21 Drescher, K., & Trendelenburg, W. Weiterer Beitrag zur Intelligenzpruefung an Affen (einschliesslich Anthropoiden). (A further contribution to intelligence testing on apes. (Including anthropoids.) Z. Vergl. Physiol., 1927, 5, 613-642.
- 415.22 Kohts, N. Recherches sur l'intelligence du chimpanze par la methode de "choix d'apres modele". (Findings on the intelligence of the chimpanzee by the method of "match to sample.") J. Psychol. norm. path., 1928, 25, 255-275.
- 415.23 Aronovitch, G., & Khotin, B. The imitation of apes. Nov. refl. fiziol. nerv. sist., 1929, 3, 378-398.
- 415.24 Yerkes, R. M. Mental evolution in the primates. In, E. V. Cowdry (Ed.), Human biology and racial welfare. New York: Paul B. Hoeber, 1930, 115-138.
- 415.25 Brainard, P. P. The mentality of a child compared with that of apes. J. genet. Psychol., 1930, 37, 268-293.
- 415.26 LeSouef, A. S. Notes on ape mentality. Aust. J. Psychol., 1934, 12, 73-76.
- 415.27 Yoshioka, J. G. Studies of abstraction with the chimpanzee. Psychol. Bull., 1934, 31, 601.
- 415.28 Yerkes, R. M. Primate cooperation and intelligence. Amer. J. Psychol., 1937, 50, 254-270.

- 415.29 Yerkes, R. M., & Spragg, S. D. S. The measure of adaptive behavior in chimpanzees. J. Psychol. norm. path., 1937, 34, 449-475.
- 415.30 McCulloch, T. L. The role of clasping activity in adaptive behavior of the infant chimpanzee. III. The mechanism of reinforcement. J. Psychol., 1939, 7, 305-316.
- 415.31 Lashley, K. S. Studies of simian intelligence from the University of Liege. Psychol. Bull., 1940, 37, 237-248.
- 415.32 Beach, F. A. Payday for primates. Natural History, 1947, 56, 448-451.
- 415.33 Nissen, H. W. Analysis of a complex conditional reaction in chimpanzees. J. comp. physiol. Psychol., 1951, 44, 9-16.
- 415.34 Harlow, H. F. Thinking. In: Theoretical foundations of psychology. Chapt. 10, H. Nelson, Ed., N. Y.: D. Van Nostrand, 1951, 787 pp.
- 415.35 Nissen, H. W. The nature of the drive as innate determinant of behavioral organization. Nebraska Symposium on Motivation, 1954, 281-321.
- 415.36 Riopelle, A. J., & Schusterman, F. J. Probability preferences in chimpanzees. Paper read at Am. Psych. Ass., N. Y., September, 1961.
- 415.37 Bernstein, I. S. Response variability and rigidity in the adult chimpanzee. J. Gerentol., 1961, 16, 381-386.
- 415.38 Bukin, V. P. Issledovanie sposobnosti shimpanze k vosprioz vedeniyu graficheskikh dvizhenii cheloveka. (Investigation of the capacities of the chimpanzee for the reproduction of graphical movements of man.) Vop. Psichol., 1961, 2, 107-118.
- 415.39 Menzel, E. W., Jr. & Davenport, R. K., Jr. The effects of stimulus presentation variable upon chimpanzee's selection of food by size. J. Comp. Physiol. Psych., 1962, 55, 235-239.
- 415.40 Kohler, W. L'intelligence des singes superieurs. (The intelligence of the superior monkeys 'apes'.) Alcan: Paris, p. 318, 1962.
- 415.41 Mason, W. A. & Berkson, G. Conditions influencing vocal responsiveness of infant chimpanzees. Science, 1962, 137, 127-128.
- 415.42 Warren, J. M. The comparative psychology of learning. Ann. Rev. Psychol., 1965, 16, 95-118. Abstract: Biol. Abstr., 1965, 46, #60139.

415.43 Warren, J. M. Primate learning in comparative perspective. In Schrier, A. S., Harlow, H. F., & Stollnitz, F., (Eds.), Behavior of nonhuman primates: Modern research trends, New York: Academic Press, 1965.

415-44 Levere, T. E. Linear pattern completion by chimpanzees. Psychon. Sci., 1966, 5, 15-16.

415-45 Siguan, M. La inteligencia de los monos antropoides. (The Intelligence of the anthropoid Apes.) Zoo Barcelona, 1967, 7, 22-23.

415.46 Rumbaugh, D. M. & McCormack, C. Great ape intelligence. Zoonoz, 1967, 40(7), 4-12.

415.47 Kimble, D. P., (Ed.) Experience and capacity. Proceedings of the fourth interdisciplinary conference on learning, remembering and forgetting. New York, New York Academy of Sciences, 1968, 245 pp.

415.48 Rogers, C. M., & Davenport, R. K. Intellectual performance of differentially reared chimpanzees. III. Oddity. Amer. J. ment. Defic., 1971, 75, 526-530.

415.49 Rumbaugh, D. M. Chimpanzee intelligence. In G. H. Bourne (Ed.), The Chimpanzee, vol. 4. Baltimore: University Park Press, 1971, 1945.

416.00 Intelligent Behavior
(Insight)

- 416.1 Bingham, H. C. Chimpanzee translocation by means of boxes. Comp. Psychol. Monogr., 1929, 5, No. 25, 91 pp.
- 416.2 Bingham, H. C. Selective transportation by chimpanzees. Comp. Psychol. Monogr., 1929, 5, No. 4, 45 pp.
- 416.3 Spragg, S. D. S. Some factors affecting solution of box-stacking problems in chimpanzees. Psychol. Bull., 1936, 33, 730.
- 416.4 Finch, G. The solution of patterned string problems by chimpanzees. J. comp. Psychol., 1941, 32, 83-90.
- 416.5 Birch, H. G. The relation of previous experience to insightful problem solving. J. comp. Psychol., 1945, 38, 367-383.
- 416.6 Birch, H. G. The role of motivational factors in insightful problem solving, J. comp. Psychol., 1945, 38, 295-317.
- 416.7 Beach, F. A. Can animals reason? Nat. Hist., 1948, 57, 112-116.
- 416.8 Evarts, E. V., & Nissen, H. W. Test of "the abstract attitude" in chimpanzees. J. comp. physiol. Psychol., 1953, 47, 99-104.
- 416.9 Davis, R. T., McDowell, A. A., & Nissen, H. W. Solution of bent-wire problems by monkeys and chimpanzees. J. comp. physiol. Psychol., 1957, 50, 441-444.
- 416.10 Chance, M. R. A. Kohler's chimpanzees - how did they perform? Man., 1960, 60, 130-135.
- 416.11 Schusterman, R. J. The use of strategies in the decision behavior of children and chimpanzees. Am. Psych. Ass., N. Y., September, 1961.
- 416.12 Schusterman, R. J. The use of strategies in the decision-behavior of children, chimpanzees and monkeys. Dissertation Absts., 1961, 22, 1267.
- 416.13 Schusterman, R. J. The use of strategies in two-choice behavior of children and chimpanzees. J. Physiol. Psych., 1963, 56, 92-95.
- 416.14 French, G. M. A. ~~and ve~~ problems. In Schrier, A. M., Harlow, H. F., & Stollnitz, F. (Eds.) Behavior of nonhuman primates: Modern research trends, New York: Academic Press, 1965.

416.15 Riesen, A. H., Greenberg, B., Granston, A. S., & Frantz, R. L. Solutions of patterned string problems by young gorillas. Comp. and physiol. Psychol., 1953, 46, 19-22.

416.16 Rensch, B. & Döhl, J. Spontane Öffnen verschiedener Kistenverschlüsse durch einen Schimpanzen. (The Spontaneous Opening of Various Locks on Boxes by a Chimpanzee.) Z. Tierpsychol., 1967, 24, 476-489.

416.17 Döhl, J. Über die Fähigkeit einer Schimpansin, Unwege mit selbständigen Zwischenzielen zu überblicken. (The Ability of a Chimpanzee to Find a Solution Using Independent Intermediate Goals) Z. Tierpsychol., 1968, 25, 89-103.

416.18 Rensch, B. & Döhl, J. Wahlen zwischen zwei überschaubaren Labyrinthwegen durch einen Schimpanzen. (Choice Between Two Mazes Looked Over by a Chimpanzee.) Z. Tierpsychol., 1968, 25, 216-231.

416.19 Parker, C. E. Responsiveness, manipulation, and implementation behavior in chimpanzees, gorillas, and orang-utans. Pp. 160-166 in Proceedings of the second international congress of primatology, vol. 1, C. R. Carpenter, Ed. Basel: S. Karger, 1969.

416.20 Döhl, J. Versuche mit einer Schimpansin über Abkürzungen bei Umwegen mit selbständigen Zwischenzeilen. (Experiment with chimpanzees concerning the use of abbreviations. To find a solution using independent intermediate goals.) Z. Tierpsychol., 1969, 26, 200-207.

417.00 Intelligent Behavior
(Discrimination Learning-Memory-Delayed Response)

- 417.1 Yerkes, R. M., & Yerkes, D. N. Concerning memory in the chimpanzee. J. comp. Psychol., 1928, 8, 237-271.
- 417.2 Harlow, H. F., Vekling, H., & Maslow, A. H. Comparative behavior of primates. I. Delayed reaction tests on primates. J. comp. psychol., 1932, 13, 313-343.
- 417.3 Maslow, A. H., & Harlow, H. F. Comparative behavior of primates. II. Delayed reaction tests on primates at Bronx Park Zoo. J. comp. Psychol., 1932, 14, 97-107.
- 417.4 Tinklepaugh, O. L. The multiple delayed reaction with chimpanzees and monkeys. J. comp. Psychol., 1932, 13, 207-243.
- 417.5 Yerkes, R. M. Principles of behavioral adaptation in the chimpanzee as revealed by the method of multiple choice. Psychol. Bull., 1933, 30, 3736.
- 417.6 Yoshioka, J. G. The role of sensory cues in the choice responses of chimpanzees. Psychol. Bull., 1933, 30, 590-591.
- 417.7 Yerkes, R. M. Modes of behavioral adaptation in chimpanzee to multiple choice problems. Comp. Psychol. Monogr., 1934, 10, 108 pp.
- 417.8 Keller, F. S. The delayed response of a chimpanzee to color as the constant visual factor in a varying situation. J. genet. Psychol., 1934, 45, 270-275.
- 417.9 Carpenter, C. R., & Nissen, H. W. An experimental analysis of some spatial variable in delayed reactions of chimpanzees. Psychol. Bull., 1934, 31, 689.
- 417.10 Spence, K. W. Systematic versus random responses in the solution of multiple choice problems by the chimpanzee. Psychol. Bull., 1934, 31, 688-689.
- 417.11 Nissen, H. W., & Elder, J. H. The influence of amount of incentive on delayed response performances of chimpanzees. J. genet. Psychol., 1935, 47, 49-72.
- 417.12 Nissen, H. W., & Elder, J. H. The influence of incentive on delayed reaction performance of chimpanzees. Psychol. Bull., 1935, 32, 556.
- 417.13 Spragg, S. D. S., & Nissen, H. W. Stylus maze experiments with chimpanzee. New York, Instructional Films, Inc., 1935, Silent film, 1 reel, 16 mm, 8 minutes.

- 417.14 Nissen, H. W., Carpenter, C. R., & Cowles, J. T. Stimulus-versus response - differentiation in delayed reactions of chimpanzees. J. genet. Psychol., 1936, 48, 112-136.
- 417.15 Spence, K. W. Analysis of the formation of visual discrimination habits in chimpanzee. J. comp. Psychol., 1937, 23, 77-100.
- 417.16 Fletcher, F. M., & Nissen, H. W. Reinforcements of "reward-expectancy" on delayed response of young chimpanzees. Psychol. Bull., 1937, 34, 541-542.
- 417.17 Nissen, H. W., Riesen, A. H., & Nowlis, V. Delayed response and discrimination learning by chimpanzees. J. comp. Psychol., 1938, 26, 361-386.
- 417.18 Spence, K. W. Gradual versus sudden solution of discrimination problems by chimpanzees. J. comp. Psychol., 1938, 25, 213-224.
- 417.19 Nissen, H. W., Riesen, A. H., & Nowlis, V. Delayed response by chimpanzees to spatial vs. nonspatial cues. Psychol. Bull., 1938, 35, 506.
- 417.20 Spence, K. W. The solution of multiple-choice problems by chimpanzees. Comp. Psychol. Monogr., 1939., 15, No. 3, 54 pp.
- 417.21 Nissen, H. W. & Taylor, F. V. Delayed alternation to non-positional cues in chimpanzees. J. Psychol., 1939, 7, 323-332.
- 417.22 Nissen, H. W. Positional sequences in two-choice problems with non-positional cues. J. Psychol., 1939, 8, 57-62.
- 417.23 McCulloch, T. L. The role of clasping activity in adaptive behavior of the infant chimpanzee. I. Delayed response. J. Psychol., 1939, 7, 283-292.
- 417.24 McCulloch, T. L. The role of clasping activity in adaptive behavior of the infant chimpanzee. II. Visual discrimination. J. Psychol., 1939, 7, 293-304.
- 417.25 Riesen, A. H. Symbolic reactions for delayed reward and delayed response in chimpanzees. Psychol. Bull., 1939, 36, 521-522.
- 417.26 McCulloch, T. L. Comment on the formation of discrimination habits. Psychol. Rev., 1939, 46, 75-85.
- 417.27 McCulloch, T. L. Reply to a note on discrimination habits. Psychol. Rev., 1939, 46, 304-307.
- 417.28 Riesen, A. H. Delayed response in chimpanzees by a color-matching technique. Psychol. Bull., 1940, 37, 502.

- 417.29 Harrison, R., & Nissen, H. W. Spatial separation in the delayed response performance of chimpanzees. J. comp. Psychol., 1941, 31, 427-435.
- 417.30 Nissen, H. W., & Harrison, R. Visual and positional cues in the delayed responses of chimpanzees. J. comp. Psychol., 1941, 31, 437-445.
- 417.31 Harrison, R., & Nissen, H. W. The response of chimpanzees to relative and absolute positions in delayed response problems. J. comp. Psychol., 1941, 31, 447-455.
- 417.32 Grether, W. F. Negative transfer in delayed reward learning of habit reversals by chimpanzees. Psychol. Bull., 1941, 38, 614.
- 417.33 Finch, G. Delayed matching-from-sample and non-spatial delayed response in chimpanzee. J. comp. Psychol., 1942, 34, 315-319.
- 417.34 Riesen, A. H., & Nissen, H. W. Nonspatial delayed response by the matching technique. J. comp. Psychol., 1942, 34, 307-313.
- 417.35 Riesen, A. H. Visual discriminations by chimpanzees after rearing in darkness. Amer. Psychologist, 1947, 2, 307.
- 417.36 Nissen, H. W., Blum, J. S., & Blum, R. H. Analysis of matching behavior in chimpanzee. J. comp. physiol. Psychol., 1948, 41, 62-74.
- 417.37 Gardner, L. P., & Nissen, H. W. Simple discrimination behavior of young chimpanzees: comparison with human infants and domestic animals. J. genet. Psychol., 1948, 72, 145-164.
- 417.38 Nissen, H. W., Blum, J. S., & Blum, R. H. Conditional matching behavior in chimpanzee: implications for the comparative study of intelligence. J. comp. physiol. Psychol., 1949, 42, 339-356.
- 417.39 Jarvik, M. E. Discrimination of colored food and food signs by primates. J. comp. Physiol. Psychol., 1953, 46, 390-392.
- 417.40 Hayes, K. J., & Thompson, R. Non-spatial delayed response to trial-unique stimuli in sophisticated chimpanzees. J. comp. physiol. Psychol., 1953, 46, 498-500.
- 417.41 Jarvik, M. E. Simple color discrimination in chimpanzees: Effect of varying contiguity between cue and incentive. J. comp. physiol. Psychol., 1956, 49, 492-495.
- 417.42 Robinson, J. S. The conceptual basis of the chimpanzee's performance on the sameness-difference discrimination problem. J. Comp. Physiol. Psych., 1960, 53, 368-370.

- 417.43 Menzel, E. W., Jr. & Davenport, R. K. Jr. Preference for clear versus distorted viewing in the chimpanzee. Science, 1961, 134, 1531.
- 417.44 Schusterman, R. J. Transfer effects of successive discrimination-reversal training in chimpanzees. Science, 1962, 137, 422-423.
- 417.45 Farrer, D. N., & Craver, G. P. Picture memory in chimpanzees. Aeromedical Research Laboratory Technical Report No. 65-7, Holloman Air Force Base, New Mexico, 1965.
- 417.46 Fletcher, H. J. The delayed-response problem. In Schrier, A. M., Harlow, H. F., & Stollnitz, F., Behavior of nonhuman primates: Modern research trends, New York: Academic Press, 1965.
- 417.47 Menzel, E. W., & Draper, W. A. Primate selection of food by size: Visible versus invisible rewards. J. comp. physiol. Psychol., 1965, 59, 231-239.
- 417.48 Rumbaugh, D. M., & Pournelle, M. B. Discrimination-reversal skills of primates: The reversal acquisition ratio as a function of phyletic standing. Psychon. Sci., 1966, 4, 45-46.
- 417.49 Farrer, D. N. Picture memory in the chimpanzee. Percept. Mot. Skills, 1967, 25, 305-315.
- 417.50 Davenport, R. K. & Rogers, C. M. Intellectual performance of differentially reared chimpanzees: I. Delayed response. Amer. J. ment. Defic., 1968, 72, 674-680.
- 417.51 Davenport, R. K., Rogers, C. M. & Menzel, E. W. Intellectual performance of differentially reared chimpanzees: II. Discimination-learning set. Amer. J. ment. Defic., 1969, 73, 963-969.
- 417.52 Menzel, E. W., Jr. Responsiveness to food and signs of food in chimpanzee discrimination learning. J. comp. physiol. Psychol., 1969, 68, 484-489.
- 417.53 Firsov, L. A. (Dynamic interaction between the reserve and operating memory in apes and monkeys.) Zh. vyssh. nerv. Deyat. Pavlova, 1970, 20, 64-70.

418.00 Intelligent Behavior
(Concept Formation, Cognitive Processes, Counting, Symbolic Reward)

- 418.1 Pander, H. Die Rechenkunst der Frankfurter Schimpansen im Lichte der Psychologie. (The counting ability of the Frankfurt female chimpanzee in the light of psychology.) Naturw. Wschr., 1916, 31, 564-565.
- 418.2 Marbe, K. Die Rechenkunst des Schimpansen Basso im Frankfurter Zoologischen Garten nebst Bemerkungen zur Tierpsychologie und ein offener Brief an Herrn Krall. (The counting ability of the chimpanzee "Basso" in the Frankfurt Zoo with observations on animal psychology and an open letter to Mr. Krall.) Fortschr. Psychol., 1917, 4, 135-185.
- 418.3 Kohts, N. Untersuchungen ueber die Erkenntnisfaehigkeiten des Schimpansen. (Investigations on the cognitive abilities of the chimpanzee.) Moskau: Museum Darwinianum, 1923, 498 pp.
- 418.4 Wolfe, J. B. The utilization of symbolic rewards by the chimpanzee. Psychol. Bull., 1933, 30, 737.
- 418.5 Wolfe, J. B. The use of token rewards in experiments with the chimpanzee. Silent Film, New York, Instructional Films Inc., 30 Rockefeller Plaza, 1934, 1 reel, 210 ft., 16 mm, 8 min.
- 418.6 Wolfe, J. B. Effectiveness of token rewards for chimpanzees Comp. Psychol. Monogr., 1936, 12, 72 pp.
- 418.7 Cowles, J. T. Comparisons of food-tokens with other incentives for learning by chimpanzees. Psychol. Bull., 1937, 34, 709.
- 418.8 Cowles, J. T. Food tokens as incentives for learning by chimpanzees. Psychol. Bull., 1937, 34, 542.
- 418.9 Cowles, J. T. Food tokens as incentives for learning by chimpanzees. Comp. Psychol. Monogr., 1937, 14, 96 pp.
- 418.10 Colwes, J. T., & Nissen, H. W. Reward expectancy in delayed responses of chimpanzees. J. comp. Psychol., 1937, 24, 345-358.
- 418.11 Fletcher, F. M. Effects of quantitative variation of food incentive on the performance of physical work by chimpanzees. Comp. Psychol. Monogr., 1940, 16, 46 pp.
- 418.12 Spence, K. W. Failure of transposition in size-discrimination of chimpanzees. Amer. J. Psychol., 1941, 54, 223-229.
- 418.13 Douglas, J. W. B., & Whitty, C. W. M. An investigation of number appreciation in some sub-human primates. J. comp. Psychol., 1941, 31, 129-143.

418.14 Kelleher, R. T. Concept formation in chimpanzees. Science, 1958, 128, 777-778.

418.15 Rohles, F. H., Jr., Belleville, R. E., & Grunzke, M. E. The measurement of concept formation in the chimpanzee and its relevance to the study of behavior in space environments. Air Force Missile Development Center Technical Report 60-20, 1960, Holloman Air Force Base, New Mexico, 17 pp.

418.16 Davenport, R. K., Jr., & Menzel, E. W., Jr. Oddity preference in the chimpanzee. Psychological Reports, 1960, 7, 523-526.

418.17 Rohles, F. H., Belleville, R. E., & Grunzke, M. E. Measurement of higher intellectual functioning in the chimpanzee. Aerospace Medicine, 1961, 32, 121-125.

418.18 Ferster, C. B. Arithmetic behavior in chimpanzees. Scientific American, 1964, 210, 97-105.

418.19 Rohles, F. H., & Devine, J. W. Chimpanzee performance on a problem involving the concept of middleness. Animal Behavior, 1966, 14, 159-162.

418.20 Rohles, F. H., Jr. & Devine, J. V. Further studies of the middleness concept with the chimpanzee. Anim. Behav., 1967, 15, 107-112, pl. 4.

418.21 Jarrard, L. E., Ed. Cognitive processes of nonhuman primates. New York: Academic Press, 1971, xii, 188 pp.

418.22 Gregg, L. W. Similarities in the cognitive processes of monkeys and man. Chapter 8 in Cognitive processes of nonhuman primates, L. E. Jarrard, Ed. New York Academic Press, 1971.

419.00 Intelligent Behavior
(Tools)

419.1 Guillaume, P. & Meyerson, J. Recherches sur l'usage de l'instrument chez les singes. I. Le problem du detour. (Investigations on the use of tools by apes. I. The detour problem.) J. Psychol. norm. path., 1930, 27, 177-236.

419.2 Guillaume, P., & Meyerson, J. Recherches sur l'usage de l'instrument chez les singes. II. L'intermediaire lie a l'object. (Findings on the use of tools by apes. II. The intermediate tied to the object.) J. Psychol. norm. Path., 1931, 28, 481-555.

419.3 Jackson, T. A. The use of tools in problem solving by the chimpanzee. Psychol. Bull., 1933, 30, 737.

419.4 Jackson, T. A. The use of tools in problems solving by the chimpanzee. Psychol. Bull., 1934, 31, 689-690.

419.5 Jackson, T. A. The use of tools by the chimpanzee in problem solution. Silent film, 1934, New York, Instructional Films, Inc., 30 Rockefeller Plaza, 1 reel, 16 mm, 10 minutes.

419.6 Guillaume, P., & Meyerson, J. Recherches sur l'usage de l'instrument chez les singes. IV. Choix, correction, invention. (Findings on the usage of tools by apes. IV. Choice, correction, invention.) J. Psychol. norm. path., 1937, 34, 425-448.

419.7 Jackson, T. A. Use of the stick as a tool by young chimpanzees. J. comp. Psychol., 1942, 34, 223-235.

419.8 Novoselova, S. L. Obrazovanie navyk^z ispol' zovaniya palki u shimpanze. (Formation of the habit of using a cane in chimpanzees.) Vopr. Antropol., 1960, 2, 31-37. Referat. Zhur. Biol., 1961, No. 11L396 (Translation).

419.9 Hall, K. R. L. Tool-using performances as indicators of behavioral adaptability. Curr. Anthropol., 1963, 4, 479-494.

419.10 Goodall, J. Tool-using and aimed throwing in a community of free-living chimpanzees. Nature (Lond.), 1964, 201, 1264-1266.

419.11 Kortlandt, A. How do chimpanzees use weapons when fighting leopards? Yb. Amer. phil. Soc., 1965, pp. 327-332.

419.12 Kortlandt, A. On tool-use among primates. Curr. Anthropol., 1966, 7, 215-216.

419.13 Washburn, S. L. & Jay, P. C. More on tool-use among primates. Curr. Anthropol., 1967, 8, 253-254 & 257.

- 419.14 Parker, C. E. The use of tools by apes. Zoonooz, 1968, 41(7), 10-13.
- 419.15 Jones, C. & Sabater Pi, J. Sticks used by chimpanzees in Rio Muni, West Africa. Nature (Lond.), 1969, 223, 100-101.
- 419.16 van Lawick-Goodall, J. Tool-using in primates and other vertebrates. Advanc. Stud. Behav., 1970, 3, 195-249.
- 419.17 Menzel, E. W., Jr., Davenport, R. K. & Rogers, C. M. The development of tool using in wild-born and restriction-reared chimpanzees. Folia primat., 1970, 12, 273-283.
- 419.18 Sabater Pi, J. El uso de instrumentos por los animales salvajes. (The use of instruments by wild animals) Zoo (Barcelona), 1970, (9), 11-13.
- 419.19 Eckhardt, R. B. Behavioral adaptability in free-ranging chimpanzees: A possible variant form of tool use. Lab. Primate Newslett., 1971, 10(3), 7-10.

420.00 Social
(General, Aggression, Nest Building, Maternal, Grooming)

- 420.1 Sayers, H. K. On the habits of the chimpanzee. Proc. zool. Soc. Lond., 1839, 28-31.
- 420.2 Jennison, G. A "nest" making chimpanzee. Proc. zool. Soc. Lond., 1915, 535-536.
- 420.3 Descamps, P. Les differences sociologiques entre les sauvages et les anthropoides. (The sociological differences between savages and anthropoids.) Anthropologie, Paris, 1920, 30, 137-147.
- 420.4 Burell, H. The nest of a chimpanzee. J. Mammalogy, 1923, 4, 178-180.
- 420.5 Hermann, I. Modelle zu den Oedipus Kastrations-komplexen bei Affen. (Models on the Oedipal castration complexes of apes.) Imago, 1926, 12, 59-69.
- 420.6 Montane, L. Histoire d'un famille de chimpanzes. Etude physiologique. (History of a family of chimpanzees. Physiological study.) Bull. Soc. Anthrop. Paris, 1928, 9, 14-35.
- 420.7 Miller, G. S., Jr. Some elements of sexual behavior in primates and their possible influence on the beginnings of human social development. J. Mammalogy, 1928, 9, 273-293.
- 420.8 Kroeber, A. L. Sub-human culture beginnings. Quart. Rev. Biol., 1928, 3, 325-342.
- 420.9 Zuckerman, S. The social life of monkeys and apes. New York: Harcourt, Brace & Co., 1932.
- 420.10 Yerkes, R. M. A resume of 3 lectures on, "Social relations in monkey, ape, and man." Bull. Wagner Inst. Sci., 1933, 8, 66-71.
- 420.11 Coolidge, H. J., Jr. The apes in animal sociology. Harvard Alumni Bull., 1933, 1-4.
- 420.12 Hermann, I. Zum Triebleben der Primaten. Bemerkungen zu S. Zuckerman: "Social life of monkeys and apes." (Instinct-life of the primates. Remarks on S. Zuckerman's: "Social life of monkeys and apes.") Image, 1933, 19, 113-124.
- 420.13 Yerkes, R. M. Genetic aspects of grooming, a socially important primate behavior pattern. J. soc. Psychol., 1933, 4, 3-25.
- 420.14 Yerkes, R. M. & Tomilin, M. I. Mother-infant relations in chimpanzee. J. comp. Psychol., 1935, 20, 321-359.

- 420.15 Yerkes, R. M. Suggestibility in chimpanzee. J. soc. Psychol., 1934, 5, 271-282.
- 420.16 Yerkes, R. M. & Yerkes, A. W. Social behavior in infra-human primates. In: A handbook of social psychology. C. Murchison, (Ed.) Worcester: Clark Univ. Press, 1935, 973-1033.
- 420.17 Maslow, A. H. The social behavior of monkeys and apes. Int. J. Indiv. Psychol., 1935, 1, 47-59.
- 420.18 Crawford, M. P. Cooperative behavior in chimpanzees. Psychol. Bull., 1935, 32, 714.
- 420.19 Crawford, M. P. & Nissen, H. W. Food-sharing in chimpanzees. Psychol. Bull., 1935, 32, 557.
- 420.20 Maslow, A. H. The dominance drive as a determiner of social behavior in infra-human primates. Psychol. Bull., 1935, 32, 714-715.
- 420.21 Nissen, H. W. & Crawford, M. P. A preliminary study of food sharing behavior in young chimpanzees. J. comp. Psychol., 1936, 22, 383-419.
- 420.22 Yerkes, R. M. A chimpanzee family. J. genet. Psychol., 1936, 48, 362-370.
- 420.23 Crawford, M. P. Further study of cooperative behavior in chimpanzees. Psychol. Bull., 1936, 33, 809.
- 420.24 Yerkes, R. M. Imitativeness, suggestibility, and cooperation in chimpanzees. Psychol. Bull., 1936, 33, 725.
- 420.25 Crawford, M. P. & Nissen, H. W. Some aspects of social behavior in chimpanzee. Psychol. Bull., 1936, 33, 752, film.
- 420.26 Crawford, M. P. The cooperative solving of problems by young chimpanzees. Comp. Psychol. Monogr., 1937, 14, 88 pp.
- 420.27 Spence, K. W. The reaction of mother chimpanzees on seeing their baby chimpanzees after a separation. J. Psychol. norm. path., 1937, 34, 475-494.
- 420.28 Crawford, M. P. Cooperative solution by chimpanzees of a problem requiring serial responses to color cues. Psychol. Bull., 1938, 35, 705.
- 420.29 Crawford, M. P. The social psychology of the vertebrates. Psychol. Bull., 1939, 36, 407-446.
- 420.30 Crawford, M. P. The relation between social dominance and the menstrual cycle in female chimpanzees. J. comp. Psychol., 1940, 30, 438-513.

- 420.31 Maslow, A. H. Dominance quality and social behavior in infra-human primates. J. soc. Psychol., 1940, 11, 313-324.
- 420.32 Crawford, M. P. The relation between social dominance and the menstrual cycle in female chimpanzees. Psychol. Bull., 1940, 37, 432-433.
- 420.33 Nowlis, V. Companionship preference and dominance in the social interaction of young chimpanzees. Comp. Psychol. Monogr., 1941, 17, 57 pp.
- 420.34 Crawford, M. P. The cooperative solving by chimpanzees of problems requiring serial responses to color cues. J. soc. Psychol., 1941, 13, 259-280.
- 420.35 Crawford, M. P. Relations between dominance and non-competitive behavior in female chimpanzees. Psychol. Bull., 1941, 38, 697.
- 420.36 Carpenter, C. R. Societies of monkeys and apes. Biological Symposia, 1942, 8, 177-204.
- 420.37 Crawford, M. P. Dominance and the behavior of pairs of female chimpanzees when they meet after varying intervals of separation. J. comp. Psychol., 1942, 33, 259-265.
- 420.38 Crawford, M. P. Dominance and social behavior for chimpanzees in a non-competitive situation. J. comp. Psychol., 1942, 33, 267-277.
- 420.39 Collias, N. E. Aggressive behavior among vertebrate animals. Physiol. Zool., 1944, 17, 83-123.
- 420.40 Kinder, E. F. Individuality of social adjustments in young chimpanzees. Amer. Psychologist, 1946, 1, 276.
- 420.41 Nissen, H. W. Social behavior in primates. In: Comparative Psychology, E. P. Stone, (Ed.), New York: Prentice-Hall, 1951, Chap. 13, 423-457.
- 420.42 Hayes, K. J. & Hayes, C. Imitation in a home raised chimpanzee. 16 mm motion picture film, black and white silent, 15 minutes, 1951. Available through Psychological Cinema Register, the Pennsylvania State College, Pennsylvania.
- 420.43 Hayes, K. J. & Hayes, C. Imitation in a home raised chimpanzee. J. comp. physiol. Psychol., 1952, 45, 450-459.
- 420.44 Falk, J. L. The grooming behavior of the chimpanzee as a reinforcer. J. exp. Anal. Behav., 1958, 1, 83-85.
- 420.45 Bolwig, N. A study of the nests built by mountain gorilla and chimpanzee. S. African J. Sci., 1959, 55, 286-291.

420.46 Davenport, R. K., Jr., Menzel, E. W., Jr., & Rogers, C. M. Maternal care during infancy: its effect on weight gain and mortality in the chimpanzee. Amer. J. Orthopsychiat., 1961, 31, 803-809. Preliminary report in Amer. Psychologist, 1960, 15, 617.

420.47 Bernstein, I. S. Response to nesting materials by wild-born and captive-born chimpanzees. Anat. Rec., 1960, 138, 334.

420.48 Schastnyi, A. I. & Firsov, L. A. A physiological analysis of inter-relationships between chimpanzees in a group experiment. Doklady Akad. Nauk SSSR (Biol. Sci. Sect. Transl.), 1962, 141, 1086-1088. Transl. from Koklody Akad. Nauk SSSR, 1961, 141, 1264-1266.

420.49 Buettner-Janusch & Andrew, R. J. The use of the incisors by primates in grooming. Amer. J. Phys. Anthropol., 1962, 20, 127-130.

420.50 Bernstein, I. S. Responses to nesting materials of wild-born and captive-born chimpanzees. Animal Behaviour, 1962, 10, 1-6.

420.51 Goodall, J. M. Nest building behavior in the free ranging chimpanzee. Ann. N. Y. Acad. Sci., 1962, 2, 455-467.

420.52 Southwick, C. H. Patterns of intergroup social behavior in primates, with special reference to rhesus and howling monkeys. Ann. N. Y. Acad. Sci., 1962, 102, 436-454.

420.53 Mason, W. A., Hollis, J. H., & Sharpe, L. G. Differential responses of chimpanzees to social stimulation. J. Comp. Physiol. Psych., 1962, 55, 1105-1110.

420.54 Reynolds, V. An outline of the behaviour and social organization of forest-living chimpanzees. Folia primat., 1963, 1, 95-102.

420.55 Kortlandt, A. Bipedal armed fighting in chimpanzees. Lecture at Symposium on Behavioral Adaptations to Environment of Mammals. XVI Int. Cong. of Zoology, Washington, 1963.

420.56 Miles, W. R. Chimpanzee behavior: removal of foreign body from companion's eye. Proc. nat. Acad. Sci. (Wash.), 1963, 49, 840-843.

420.57 Rule, C. A biologically based theory of human behavior and its implications for psychiatry: speculations derived from recent studies of social behavior of non-human primates. Amer. J. Psychiat., 1964, 121, 344-352.

420.58 Bernstein, I. S. A comparison of new and old world monkey social organizations and behavior. Amer. J. of Phys. Anthropol., 1964, 22, 233-237.

- 420.59 Hall, K. R. L. Social organization of the Old World monkeys and apes. Anim. Behav., 1964, 12, 394-395.
- 420.60 Nouvel, J. Comportement agressif des animaux sauvages (singes-fauves). (Aggressive behavior in wild animals.) In Brion, A. & Ey, H., (Eds.), Psychiatrie animale, Paris: Desclee de Brouwer, 1964.
- 420.61 Meyer-Holzapfel, M. L'agressivité chez les animaux. (Aggressiveness in animals.) In Brion, A. & Ey, H. (Eds.), Psychiatrie animale, Paris: Desclee de Brouwer, 1964.
- 420.62 Etkin, W. Types of social organization in birds and mammals. In Social behavior and organization among vertebrates, Chicago: University of Chicago Press, 1964.
- 420.63 Mason, W. A. Determinants of social behavior in young chimpanzees. In Schrier, A. M., Harlow, H. F., and Stollnitz, F. (Eds.) Behavior of nonhuman primates, New York: Academic Press, 1965.
- 420.64 Mason, W. A. The social development of monkeys and apes. In DeVore, I. (Ed.), Primate behavior: Field studies of monkeys and apes, New York: Holt, Rinehart and Winston, 1965.
- 420.65 Menzel, E. W. Early experience and the social development of rhesus monkeys and chimpanzees. In G. Newton (Ed.) Early experience and behavior: The psychological and physiological effects of early environmental variation. New York: Charles C. Thomas. 1965.
- 420.66 Hall, K. R. L. Social organization of the Old-World monkeys and apes. Sym. Zool. Soc. Lond., 1965, 14, 265-289.
- 420.67 Reynolds, V. Ecologie et comportement social des chimpanzés de la forêt de Budongo Ouganda. (Ecology and social behavior of the chimpanzees in the Budongo Ouganda forest.) Terre et la Vie, 1965, 111(2), 155-166.
- 420.68 Bernstein, I. S. A remarkable change in status hierarchy. Yerkes Regional Primate Research Center Newsletter, 1965, 2, 8-10.
- 420.69 Washburn, S. L. Conflict in primate society. Pp. 3-15 in Ciba Foundation symposium on conflict in society, A. V. S. de Reuck & J. Knight, (Eds.) London: J. & A. Churchill, 1966.
- 420.70 Crook, J. H. Co-operation in primates. The Eugenics Review, 1966, 58, 63-70.
- 420.71 Sparks, J. Allogrooming in primates: A review. Chapter 4 in Primate ethology, D. Morris, (Ed.) London: Weidenfeld and Nicolson, 1967.

- 420.72 van Lawick-Goodall, J. Mother-offspring relationships in free-ranging chimpanzees. Chapter 9 in Primate ethology, D. Morris, (Ed.) London: Weidenfeld and Nicolson, 1967, 10 pls.
- 420.73 Itani, J. & Suzuki, A. The social unit of chimpanzees. Primates, 1967, 8, 355-381.
- 420.74 Bernstein, I. S. Age and experience in chimpanzee nest building. Psychol. Rep., 1967, 20, 1106.
- 420.75 Altmann, S. A., (Ed.) Social communication among primates. Chicago University of Chicago Press, 1967, xiv, 392 pp., 48 pls.
- 420.76 Crook, J. H. Gesellschaftsstrukturen bei Primaten. Neue Ergebnisse von Studien an Dschelada-Pavianen. (Social Structure in Primates. New Results of Studies) Umschau, 1967, 15, 488-493.
- 420.77 Chance, M. R. A. Attention structure as the basis of primate rank orders. Man, 1967, n. s. 2, 503-518. Abstract: Biol. Abstr., 1968, 49, #114392.
- 420.78 Wilson, W. L. & Wilson, C. C. Aggressive interactions of captive chimpanzees living in a semi-free-ranging environment. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-68-9, Holloman AFB, New Mexico, 1968, vii, 49 pp.
- 420.79 Mason, W. A., Davenport, R. K., Jr., & Menzel, E. W., Jr. Early experience and the social development of rhesus monkeys and chimpanzees. Chapter 14 in Early experience and behavior: The psychobiology of development, G. Newton & S. Levine, (Eds.) Springfield, Ill.: Charles C. Thomas, 1968. Abstract: Biol. Abstr., 1968, 49, #81673.
- 420.80 Sugiyama, Y. Social organization of chimpanzees in the Budongo Forest, Uganda. Primates, 1968, 9, 225-258.
- 420.81 Nishida, T. The social group of wild chimpanzees in the Mahali mountains. Primates, 1968, 9, 167-224.
- 420.82 Turner, C. H., Davenport, R. K., Jr., & Rogers, C. M. The effect of early deprivation on the social behavior of adolescent chimpanzees. Amer. J. Psychiat., 1969, 125, 1531-1536.
- 420.83 Bernstein, I. S. A comparison of nesting patterns among the three great apes. In G. H. Bourne (Ed.), The Chimpanzee, Vol. 1, Baltimore: University Park Press, 1969, Pp. 393-402.
- 420.84 Sugiyama, Y. Social behavior of chimpanzees in the Budongo Forest, Uganda, Primates, 1969, 10, 197-225.
- 420.85 Mitchell, G. D. Paternalistic behavior in primates. Psychol. Bull., 1969, 71, 399-417.

420.86 Reynolds, V. & Luscombe, G. Chimpanzee rank order and the function of displays. Pp. 81-86 in Proceedings of the second international congress of primatology, vol. 1, C. R. Carpenter, (Ed.) Basel: S. Karger, 1969.

420.87 Rogers, C. M. & Davenport, R. K. Chimpanzee maternal behavior. In G. H. Bourne (Ed.), The Chimpanzee, vol. 3. Baltimore: University Park Press, 1970. Pp. 361-368.

420.88 Mason, W. A. Behavior: Chimpanzee social behavior. In The chimpanzee. Vol. 2. Physiology, behavior, serology, and diseases of chimpanzees. G. H. Bourne (Ed.) Published in simultaneous European (Basel: S. Karger, 1970) and American (Baltimore: University Park Press, 1970) editions.

420.89 Hamburg, D. Recent evidence on the evolution of aggressive behavior. Engng Sci., 1970, 33, 15-24.

420.90 Guthrie, R. D. Evolution of human threat display organs. Chap. 9 in Evolutionary biology, vol. 4, T. Dobzhansky, M. K. Hetch, & W. C. Steere, (Eds.) New York: Appleton-Century-Crofts, Educational Division, Mereith Corporation, 1970.

420.91 Terry, R. L. Primate grooming as a tension reduction mechanism. J. Psychol., 1970, 76, 129-136.

420.92 Izawa, K. Unit groups of chimpanzees and their nomadism in the savanna woodland. Primates, 1970, 11, 1-45.

420.93 Nishida, T. Social behavior and relationship among wild chimpanzees of the Mahali mountains. Primates, 1970, 11, 47-87.

420.94 Bates, B. C. Territorial behavior in primates: A review of recent field studies. Primates, 1970, 11, 271-284.

420.95 Gallup, G. G., Jr. Chimpanzees: Self-recognition. Science, 1970, 167, 86-87.

420.96 Crook, J. H. The socio-ecology of primates. Pp. 103-166 in Social behaviour in birds and mammals, J. H. Crook, (Ed.) London: Academic Press Inc., 1970.

420.97 Chance, M. R. A. & Jolly, C. J. Social groups of monkeys, apes, and men. London: Jonathan Cape Ltd, 1970, 224 pp, 8 pls.

420.98 Hinde, R. A. Development of social behavior. Chapter 1 in Behavior of nonhuman primates. Modern Research Trends, vol. 3, A. M. Schrier & F. Stollnitz, (Eds.) New York: Academic Press, 1971.

420.99 Mason, W. A. Motivational factors in psychosocial development. Curr Theory Res. Motivat., 1971, 18, 35-67.

- 420.100 Menzel, E. W., Jr. Group behavior in young chimpanzees: Responsiveness to cumulative novel changes in a large outdoor enclosure. J. comp. physiol. Psychol., 1971, 74, 46-51.
- 420.101 Hamburg, D. A. Aggressive behavior of chimpanzees and baboons in natural habitats. J. Psychiat. Res., 1971, 8, 385-398.
- 420.102 Ploog, D. Neurological aspects in social behavior. Chapter 3 in Man and beast: Comparative social behavior, J. F. Eisenberg, & W. S. Dillon (Eds.) Washington, D. C.: Smithsonian Institution Press, 1971.
- 420.103 DeVore, I. The evolution of human society. Chapter 9 in Man and beast: Comparative social behavior, J. F. Eisenberg & W. S. Dillon, (Eds.) Washington, D. C.: Smithsonian Institution Press, 1971.
- 420.104 Hamburg, D. A. Psychobiological studies of aggressive behaviour. Nature (Lond.), 1971, 230, 19-23.
- 420.105 Lester, D. A modest proposal for control of prejudice and group aggression. Percept. Mot. Skills, 1971, 33, 70.
- 420.106 Kummer, H. Primate societies. Group techniques of ecological adaptation. Chicago: Aldine-Atherton, 1971, 160 pp.

421.00 Social Behavior
(Play)

421.1 Bingham, H. C. Parental play of chimpanzees. J. Mammalogy, 1927, 8, 77-89.

421.2 Bierans de Haan, J. A. Play behavior of a young isolated chimpanzee. Behavior, 1952, 4, 144.

421.3 Welker, W. I. Play and exploration in chimpanzees. Unpublished doctor's dissertation, Univ. of Chicago, De-t. of Photographic Reproduction, Thesis N. 2387, 1954.

421.4 Welker, W. I. Some determinants of play and exploration in chimpanzees. Jour. comp. physiol. Psychol., 1956, 49, 84-89.

421.5 Welker, W. I. Variability of play and exploratory behavior in chimpanzees. Jour. comp. physiol. Psychol., 1956, 49, 181-185.

421.6 Loizos, C. Play in mammals. Symp. zool. Soc. Lond., 1966, 18, 1-9.

421.7 Rensch, B. & Ducker, G. Manipulierfähigkeit eines jungen Orang-Utans und eines jungen Gorillas. Mit Anmerkungen über das Spielverhalten. (Manipulative Ability of a Young Orang-Utan and of a Young Gorilla. Notes on Play Behavior.) Z. Tierpsychol., 1966, 23, 874-892.

421.8 Loizos, C. Play behaviour in higher primates: A review. Chapter 5 in Primate ethology, D. Morris, (Ed.) London, Weidenfeld and Nicolson, 1967.

421.9 Loizos, C. An ethological study of chimpanzee play. Pp. 87-93 in Proceedings of the second international congress of primatology, vol. 1, C. R. Carpenter, (Ed.) Basel: S. Karger, 1969.

421.10 Dolhinow, P. J. & Bishop, N. The development of motor skills and social relationships among primates through play. Minn. Symp. Child Psychol., 1970, 4, 141-198.

422.00 Social Behavior
(Communication, Vocalization, Language)

- 422.1 Garner, R. L. The speech of monkeys. New York: C. L. Webster & Co., 1892.
- 422.2 Gladden, G. A chimpanzee vocabulary. Outlook, New York, 1914, 106, 307-310.
- 422.3 Mahoudeau, P. G. L'origine de la musique vocale chez les primates. (The origin of vocal music in the primates.) Rev. Anthropol., Paris, 1914, 24, 195-200.
- 422.4 Aranyosi, N. Zweiunddreissig Woerter aus der Affensprache. (Thirty-two words in the language of apes.) Kosmos, 1928, 25, 306-309.
- 422.5 Schwidetzky, G. Sprechen Sie Schimpansisch? Einfuehrung in die Tier und Ursprachenlehre. (Do you speak chimpanzee? Introduction to the animal and primitive language science.) Leipzig: Luhe & Co., 1931, 80 pp. London: Routledge, 1932.
- 422.6 Schwidetzky, G. Schimpansisch, Urmongolisch, Indogermanisch. (Chimpanzee, primitive mongoloid, and Indogermanic languages.) Leipzig: Deutscher Verlag, 1932, 94 pp.
- 422.7 Crawford, M. P. Gestures used by chimpanzees in cooperative problem solving. Psychol. Bull., 1936, 33, 752.
- 422.8 Crawford, M. P. & Nissen, H. W. Gestures used by chimpanzees in cooperative problem solving. Silent film, New York: Instructional Film, Inc., 30 Rockefeller Plaza, 1937, 1 reel, 241 ft., 16 mm, 8 minutes.
- 422.9 Yerkes, R. M. & Nissen, H. W. Prelinguistic sign behavior in chimpanzee. Science, 1939, 89, 585-587.
- 422.10 Keleman, G. Structure and performance in animal language. Arch. Otolaryng, 1949, 50, 740-744.
- 422.11 Hayes, K. J. Vocalization and speech in chimpanzees. Amer. Psychologist, 1950, 5, 275-276.
- 422.12 Hayes, K. J. & Hayes, C. Vocalization and speech in chimpanzees. 16mm motion picture film, black and white, sound, 1950, 400 ft., 12 minutes. Available through Psychological Cinema Register, The Pennsylvania State College, State College, Pa.,
- 422.13 Mathis, M. Le langage et le dessin chez les singes anthropoides. (The language and the drawing of anthropoids.) Pr. med., 1954, 62, 1711-1712.

- 422.14 Nichols, J. W. The specification of chimpanzee vocalization. Dissert. Abstr., 1959, 20, 1454.
- 422.15 Andrew, R. J. The situations that evoke vocalization in primates. Ann. N. Y. Acad. Sci., 1962, 102, 296-315.
- 422.16 Berkson, G. Stimuli affecting vocalizations and basal skin resistance of neonate chimpanzees. Perceptual and Motor Skills, 1963, 17, 871-874.
- 422.17 Marler, P. Communication in monkeys and apes. In DeVore, I. (Ed.) Primate behavior: Field studies of monkeys and apes, New York: Holt, Rinehart and Winston, 1965.
- 422.18 Bastian, J. R. Primate signaling systems and human languages. In DeVore, I. (Ed.) Primate behavior: Field studies of monkeys and apes, New York: Holt, Rinehart and Winston, 1965.
- 422.19 Koch-Isenburg, L. Can monkeys speak? Scala int. (Engl. ed.), 1965, 7, 30-33.
- 422.20 Sebeok, T. A. Animal communication. A communication network model for languages is applied to signaling behavior in animals. Science, 1965, 147, 1006-1014.
- 422.21 Randolph, M. C. & Brooks, B. A. Conditioning of a vocal response in a chimpanzee through social reinforcement. Folia primat., 1967, 5, 70-79.
- 422.22 Altmann, S. A. Primates. Chapter 18 in Animal communication. Techniques of study and results of research, T. A. Sebeok, (Ed.) Bloomington, Indiana University Press, 1968.
- 422.23 Lieberman, P. Primate vocalizations and human linguistic ability. J. acoust. Soc. Amer., 1968, 44, 1574-1584.
- 422.24 Fleischman, M. L. Vocalizations of chimpanzees in non-caged captivity. Primates, 1968, 9, 273-282.
- 422.25 Kellogg, W. N. Communication and language in the home-raised chimpanzee. Science, 1968, 162, 423-427.
- 422.26 Lieberman, P. On the acoustic analysis of primate vocalizations. Behav. Res. Meth. Instrum., 1969, 1, 169-174.
- 422.27 Randolph, M. C. & Mason, W. A. Effects of rearing conditions on distress vocalizations in chimpanzees. Folia primat., 1969, 10, 103-112.
- 422.28 Ploog, D. Kommunikationsprozesse bei Affen. (Communication Processes in Apes.) Homo, 1969, 19, 151-165.

- 422.29 Ploog, D. & Melnechuk, T., (Eds.) Primate communication. Neurosci. Res. Prog. Bull., 1969, 7, 419-510.
- 422.30 Marler, P. Vocalizations of wild chimpanzees. An introduction. Pp. 94-100 in Proceedings of the second international congress of primatology, vol. 1, C. R. Carpenter, (Ed.) Basel: S. Karger, 1969.
- 422.31 Gardner, R. A. & Gardner, B. T. Teaching sign language to a chimpanzee. Science, 1969, 165, 664-672.
- 422.32 Reynolds, P. C. Social Communication in the Chimpanzee: A Review. In G. H. Bourne (Ed.), The Chimpanzee, vol. 3. Baltimore: University Park Press, 1970. Pp. 369-394.
- 422.33 Premack, D. A functional analysis of language. J. exp. Anal. Behav., 1970, 14, 107-125.
- 422.34 Bericht, E. Zeichensprache als Kommunikationsmittel zwischen Mensch und Schimpanse. (Sign Language as a Means of Communication Between Man and Chimpanzee.) Natur. Rund., 1970, 23, 59-60.
- 422.35 Bronowski, J. & Bellugi, U. Language, name, and concept. Science, 1970, 168, 669-673.
- 422.36 Vine, I. Communication by facial-visual signals. Pp. 279-354 in Social behaviour in birds and mammals, J. H. Crook, (Ed.) London: Academic Press Inc., 1970.
- 422.37 Firsov, L. A. (Vocal behavior in lower and higher monkeys.) Vop. Psichol., 1970, 3, 113-125.
- 422.38 Premack, D. On the assessment of language competence in the chimpanzee. Chapter 4 in Behavior of nonhuman primates. Modern research trends, vol. 4, A. M. Schrier & F. Stollnitz, (Eds.) New York: Academic Press, 1971.
- 422.39 Gardner, B. T. & Gardner, R. A. Two-way communication with an infant chimpanzee. Chapter 3 in Behavior of nonhuman primates. Modern research trends, vol. 4, A. M. Schrier & F. Stollnitz, (Eds.) New York: Academic Press, 1971.
- 422.40 Premack, D. Some general characteristics of a method for teaching language to organisms that do not ordinarily acquire it. Chapter 3 in Cognitive processes of nonhuman primates, L. E. Jarrard, (Ed.) New York: Academic Press, 1971.
- 422.41 Fouts, R. S. The use of guidance in teaching sign language to a chimpanzee. Diss. Abstr. int., 1971, B32, 582-583.

422.42 Jordan, J. Studies on the structure of the organ of voice and vocalization in the chimpanzees. Folia morph. (Warszawa), 1971, 30, 97-126.

422.43 Premack, D. Language in chimpanzee? Science, 1971, 172, 808-822.

423.00 Reproductive
(Sexual-breeding)

- 423.1 Hornaday, W. T. Negative results of in-and-in breeding among wild animals: mental traits of orangs and chimpanzees. 7th Int. Congr. Zool. Boston, 1907 (1912), 162-164.
- 423.2 Sokolowsky, A. The sexual life of the anthropoid ape. Urol. and Cutan. Rev., 1923, 27, 612-615.
- 423.3 Bingham, H. C. Sex development in apes. Comp. Psychol. Monogr., 1928, 5, 165 pp.
- 423.4 Miller, G. S., Jr. The primate basis of human sexual behavior. Quart. Rev. Biol., 1931, 6, 379-410.
- 423.5 Tinklepaugh, O. L. Le comportment sexual chez les chimpanzes et les singes inferieurs, considere comme une reaction de substitution consecutive a des troubles emotionnels. (The sexual behavior of chimpanzees and inferior apes, considered as a substitution reaction consecutive to emotional troubles.) J. Psephal., Paris, 1933, 30, 930-954.
- 423.6 Tinklepaugh, O. L. Sexual behavior in chimpanzees and monkeys considered as a substitute response following emotional disturbances. J. de Psychol., 1933, 30, 930-954.
- 423.7 Schultz, A. H. & Snyder, F. F. Observations on reproduction in the chimpanzee. Johns Hopkins Hospital Bull., 1935, 57, 193-205.
- 423.8 Maslow, A. H. The role of dominance in the social and sexual behavior of infra-human primates. I. Observation at Vilas Park Zoo. J. genet. Psychol., 1936, 48, 261-277.
- 423.9 Elder, J. H. Periodicity of sexual behavior in chimpanzee. Psychol. Bull., 1936, 33, 810-811.
- 423.10 Yerkes, R. M. Sexual behavior in the chimpanzee. Hum. Biol., 1939, 11, 78-111.
- 423.11 Yerkes, R. M. Social dominance and sexual status in the chimpanzee. Quart. Rev. Biol., 1939, 14, 115-136.
- 423.12 Yerkes, R. M. Social behavior of chimpanzees: dominance between mates in relation to sexual status. J. comp. Psychol., 1940, 30, 147-186.
- 423.13 Yerkes, R. M. Dominance and sex among chimpanzees. Psychol. Bull., 1940, 37, 432.
- 423.14 Young, W. C. & Orbison, W. D. An investigation of sexual status and behavior in the chimpanzee. Anat. Rec., 1941, 81, 104-105.

- 423.15 Young, W. C. Observations and experiments on mating behavior in female mammals. Quart. Rev. Biol., 1941, 16, 135-156, 311-335.
- 423.16 Orbison, W. D. & Young, W. C. The relationship between sexual status and selected features of behavior in pairs of oppositely sexed chimpanzees. Psychol. Bull., 1942, 39, 443-444.
- 423.17 Nissen, H. W. & Yerkes, R. M. Reproduction in chimpanzees: report on 49 births. Anat. Rec., 1943, 86, 567-578.
- 423.18 Young, W. C. & Orbison, W. D. Changes in selected features of behavior in pairs of oppositely sexed chimpanzees during the sexual cycle and after ovariectomy. J. comp. Psychol., 1944, 37, 107-143.
- 423.19 Birch, H. G. & Clark, G. Hormonal modification of social behavior. II. The effects of sex hormone administration on the social dominance status of the female castrate chimpanzee. Psychosom. Med., 1946, 8, 320-331.
- 423.20 Beach, F. A. A review of physiological and psychological studies of sexual behavior in mammals. Physiol. Rev., 1947, 27, 240-307.
- 423.21 Birch, H. G. & Clark, G. Hormonal modification of social behavior. IV. The mechanism of estrogen-induced dominance in chimpanzees. J. comp. physiol. Psychol., 1950, 43, 181-193.
- 423.22 Firsov, L. A. Dynamics of certain functions of the chimpanzee against the background of the sexual cycle. Probl. Endokr. Gormonoter., 1963, 3, 7-14.
- 423.23 Blin, P. C., Favreau, J. A., & Favreau, J. M. Considerations sur les anomalies du comportement sexuel chez l'animal. (Consideration of the anomalies of sexual behavior in animals.) In Brion, A. & Ey, H. (Eds.), Psychiatrie animale, Paris: Desclee de Brouwer, 1964.
- 423.24 Lancaster, J. B. & Lee, R. B. The annual reproductive cycle in monkeys and apes. In DeVore, I. (Ed.), Primate behavior. Field studies of monkeys and apes, New York: Holt, Rinehart and Winston, 1965.
- 423.25 Bobkowski, L. Onset of sexual behavior of a female chimpanzee. Lab. Primate Newslett., 1967, 6(2), 15.
- 423.26 Wickler, W. Socio-sexual signals and their intra-specific imitation among primates. Chapter 3 in Primate ethology, D. Morris, (Ed.) London: Weidenfeld and Nicolson, 1967.
- 423.27 Reuther, R. T. & Doherty, J. Birth seasons of mammals at San Francisco Zoo. Int. Zoo Yearb., 1968, 8, 97-101.

- 423.28 Kollar, E. J., Beckwith, W. C., & Edgerton, R. B. Sexual behavior of the ARL Colony chimpanzees. J. Nerv. ment. Dis., 1968, 147, 444-459.
- 423.29 Dittrich, L. Beobachtungen zur Masturbation bei Säugetieren im Zoologischen Garten. (Observations of Masturbation in Mammals in the Zoo) Zool. Anz., 1968, 180, 299-312.
- 423.30 Allen, C. The instinctual development in the sub-human primate. Chapter 2 in A textbook of psychosexual disorders, 2nd ed. London: Oxford University Press, 1969.
- 423.31 Rogers, C. M. & Davenport, R. K. Effects of restricted rearing on sexual behavior of chimpanzees. Develop. Psychol., 1969, 1, 200-204.
- 423.32 Hummer, R. L., May, H. D., & Knight, W. F. Observations during the first year of operation of a chimpanzee breeding colony, Pp. 1-8 in Proceedings of the second international congress of primatology, vol. 2, H. O. Hofer, (Ed.) Basel: S. Karger, 1969.
- 423.33 Rogers, C. M. & Davenport, R. K. Sexual behavior of differentially-reared chimpanzees. Pp. 173-177 in Proceedings of the second international congress of primatology, vol. 1, C. R. Carpenter, (Ed.) Basel: S. Karger, 1969.
- 423.34 Landowski, J. Anmerkungen zur Aufzucht eines neugeborenen Schimpansen, Pan troglodytes (L. 1766). (Remarks about the breeding of newborn chimpanzees, Pan troglodytes.) Zool. Gart. (Lpz.), 1970, 38, 4-15.
- 423.35 Riesen, A. H. Nissen's observations on the development of sexual behavior in captive-born, nursery-reared chimpanzees. Pp. 1-18 in The chimpanzee: Behavior, growth and pathology of chimpanzees, vol. 4 G. H. Bourne, (Ed.) Baltimore, Maryland: University Park Press, 1971.
- 423.36 Hamburg, D. A. Sexual differentiation and the evolution of aggressive behavior in primates. Pp. 141-151 in Environmental influences on genetic expression: Biological and behavioral aspects of sexual differentiation, N. Kretchmer, & D. N. Walcher, (Eds.) Bethesda, Maryland: National Institutes of Health, 1969.
- 423.37 Fox, R. R. & Laird, C. W. Sexual Cycles, Pp. 107-122 in Reproduction and breeding techniques for laboratory animals. E. S. E. Hafez, (Ed.) Philadelphia: Lea & Febiger, 1970.
- 423.38 Hendrickx, A. G. & Houston, M. L. Gestation and prenatal development. Pp. 157-176 in Reproduction and breeding techniques for laboratory animals. E. S. E. Hafez, (Ed.) Philadelphia: Lea, & Febiger, 1970.
- 423.39 Niemann, W. H. Comparative aspects of reproduction in primates. Pp. 234-237 in Proceedings of the third international congress of primatology, Zurich 1970, vol. 1, J. Biegert, & W. Leutenegger, (Eds.) Basel: S. Karger, 1971.

424.00 Observational Psychobiology

- 424.1 Warwick, J. E. The habits and manners of the female Borneo orangutan (*Simia satyrus*), and the male chimpanzee (*Simia troglodytes*), as observed during their exhibition at the Egyptian Hall in 1831. Mag. nat. Hist., 1832, 5, 305-309.
- 424.2 Broderi, W. J. Observations on the habits, etc. of a male chimpanzee, *Troglodytes niger*, Geoff., now living in the menagerie of the Zoological Society of London. Proc. zool. Soc. Lond., 1835, 160-168.
- 424.3 Youatt, W. Account of the habits and illness of the late chimpanzee. Lancet, 1835-36, 202-206.
- 424.4 Martin, W. C. L. The chimpanzee. Knights Penny Mag., 1836, 5, 57-60.
- 424.5 Broderip, W. J. Recreations in natural history. VI. Monkeys of the old continent, etc. New mon. Mag., 1838, 1, 88-99.
- 424.6 Broderip, W. J. Zoological recreations. Philadelphia: Lea and Blanchard, 1849, 2nd edition.
- 424.7 Gray, J. E. On the habits of the gorilla and other tail-less long-armed apes. Proc. zool. Soc. Lond., 1861, 212-213.
- 424.8 Movius, K. Zur Psychologie des Schimpansen. (Psychology of the chimpanzee.) Zool. Gart., 1867, 8, 279-280.
- 424.9 Du Chaillu, P. Stories of the gorilla country. Narrated for young people. New York: Harper & Bros., 1868.
- 424.10 Nissle, C. Beitraege zur Kenntnis der sogenannten anthropomorphen Affen. I. Molly, der Chimpanze des Berliner Aquariums. (Contributions to the knowledge of the so-called anthropoid apes. I. "Molly", the chimpanzee of the Berlin Aquarium.) Z. Ethn., 1872, 4, 201-211.
- 424.11 Brehm, A. E. Aus dem Leben des Chimpansen. (From the life of the chimpanzee.) Z. Ethn., 1873, 5, 80-85.
- 424.12 Nissle, C. Beitraege zur Kenntnis der sogenannten anthropomorphen Affen. III. Die Dresdener Mafuka. (Contributions to the knowledge of the so-called anthropoid apes. III. The Dresden Mafuka.) Z. Ethn., 1876, 8, 46-59.
- 424.13 Friedel, E. Die drei Anthropomorphen des Berliner Aquariums. (The three anthropoid apes of the Berlin Aquarium.) Zool. Gart., 1876, 17, 73-77.

- 424.14 Tiedemann, H. Beobachtungen an zwei lebenden Chimpansen, masc. et fem. (Observations on two living chimpanzees, male and female.) Bonn: P. Neusser, 1879, 23 pp.
- 424.15 Deniker, J. Sur l'orang et le chimpanze exposés par M. Bidel à Paris. (On the orang and the chimpanzee exhibited by Mr. Bidel in Paris.) Bull. Soc. Anthrop., Paris, 1882, 5, 333-341.
- 424.16 Deniker, J. Sur les singes anthropoides de la menagerie Bidel. (On the anthropoid apes of the Bidel menagerie.) Bull. Soc. zool. Fr., 1882, 7, 301-304.
- 424.17 Brown, A. E. The kindred of man. Amer. Nature, 1883, 17, 119-130.
- 424.18 Sigel, W. L. Beobachtungen aus dem Tierleben im Zoologischen Garten zu Hamburg. (Observations from animal life in the Hamburg Zoo.) Zool. Gart., Frankfurt, 1883, 24, 235-240.
- 424.19 Seiss, C. F. The chimpanzee in confinement. Amer. Nat., 1885, 19, 102.
- 424.20 Mitchell, C. P. Notes with commentations on the psychology of the chimpanzee (Trog. niger) now in captivity at the Central Park Menagerie, New York. J. comp. Med., 1885, 6, 38-53.
- 424.21 Eismann, G. Der Chimpanse, Troglodytes niger, in Gefangenschaft in Afrika. (The chimpanzee, Troglodytes niger, in captivity in Africa.) Zool. Gart., 1886, 27, 24-26.
- 424.22 Laborde, J. V. La microcéphalie vraie et la descendance de l'homme; étude de trois frères microcéphales et d'une jeune chimpanzé femelle. (The true microcephaly and the descendance of man; study of three microcephalic brothers and of a young female chimpanzee.) Rev. Scien., 1895, 3, 577-585.
- 424.23 Miller, H. M. Four-handed folk. Boston: Houghton, Mifflin & Co., 1896.
- 424.24 Garner, R. L. Gorillas and chimpanzees. London: Osgood, McIlvaine & Co., 1896.
- 424.25 Garner, R. L. Apes and monkeys--their life and language. Boston: Ginn & Co., 1900.
- 424.26 Guiart, J. Le chimpanzé Consul. (The chimpanzee Consul.) Bull. Soc. Zool., France, 1903, 28, 189-194.
- 424.27 Ebert, R. Ein Beispiel hervorragender tierischer Intelligenz. (An example of outstanding animal intelligence.) Naturw. Wschr., 1904, 3, 378-379.

- 424.28 Hirschlaff, L. Der Schimpanse Consul: ein Beitrag zur vergleichenden Psychologie. (The chimpanzee Consul: a contribution to comparative psychology.) Z. paedag. Psychol., 1905, 7, 1-22.
- 424.29 Zell, T. Ein Viertelstuendchen bei Missie. (A quarter-hour with "Missie".) Kosmos, Stuttgart: 1906, 3, 5-8.
- 424.30 Sokolowsky, A. Beobachtungen ueber die Psyche der Menschenaffen. (Observations on the psyche of anthropoid apes.) Frankfurt: Neuer Frankfurter Verlag, 1908, 78 pp.
- 424.31 Hagenbeck, C. Beasts and men. London: Longmans, Green & Co., 1909.
- 424.32 Pfungst, O. Zur Psychologie der Affen. (The psychology of apes.) Ber. V. Kong. exp. Psychol., Berlin, 1912, 200-205.
- 424.33 von Oertzen, J. In Wildnis und Gefangenschaft. Kameruner Tierstudien. (In the jungle and captivity. Cameroon animal studies.) Berlin: Wilhelm Susserott, 1913, 106 pp.
- 424.34 Haggerty, M. E. Plumbing the minds of apes. McClure's Mag., 1913, 41, 151-154.
- 424.35 Priemel, K. Aus dem Leben eines Schimpansen. (From the life of a chimpanzee.) Ber. senckenb. naturf. Ges., 1914, 45, 7-13.
- 424.36 Knauer, F. Menschenaffen: Ihr Frei und Gefangenleben. (The anthropoid apes: their free and captive life.) Leipzig: Theod. Thomas, 1915, 96 pp.
- 424.37 Montane, L. Notas sobre un chimpanze nacido en Cuba. (Notes concerning a chimpanzee born in Cuba.) Mem. Soc. Cubana Hist. nat., 1915, 1, 259-269.
- 424.38 Montane, L. A Cuban chimpanzee. J. Anim. Behav., 1916, 6, 330-333.
- 424.39 Yerkes, R. M. & Yerkes, A. W. Individuality, temperament and genius in animals. Amer. Mus. J., 1917, 17, 234-243.
- 424.40 Montane, L. Notes sur un chimpanze né à Cuba. (Notes on a chimpanzee born in Cuba.) Arch. mens. obst. gyn., Paris, 1918, 7, 323-326.
- 424.41 Reichenow, E. Biologische Beobachtungen an Gorilla und Schimpansen. (Biological observations on gorilla and chimpanzee.) S. B. naturf. Fr. Berl., 1920, 1-40.
- 424.42 Aschemeier, C. R. On the gorilla and the chimpanzee. J. Mammalogy, 1921, 2, 90-92.

- 424.43 Reichenow, E. Ueber die Lebensweise des Gorillas und des Schimpansen. (The mode of life of the gorilla and of the chimpanzee.) Naturwissenschaften, 1921, 9, 73-77.
- 424.44 Mitchell, C. P. Exhibition of and remarks upon lantern slides of a baby chimpanzee born in the New York Zoological Park. Proc. zool. Soc. Lond., 1921, 443.
- 424.45 Tevis, M. Gorillas, chimpanzees, and orangutans. Some new observations on the characteristics and habits of the man-like apes. Sci. Amer. Mon., 1921, 4, 121-125.
- 424.46 Kohler, W. Aus der Anthropoidenstation auf Teneriffa. V. Zur Psychologie des Schimpansen. (From the Anthropoid Station at Teneriffe. V. Psychology of the chimpanzee.) Sitzber. Preuss. Akad. Wiss. Berlin, 1921, 39, 686-692.
- 424.47 Brehm, A. E. Die Saeugetiere. (The mammals.) Leipzig: Bibliographisches Institut., 1922, 714 pp.
- 424.48 Aschemeier, C. R. Beds of the gorilla and chimpanzee. J. Mammalogy, 1922, 3, 176-178.
- 424.49 Kohler, W. Zur Psychologie des Schimpansen. (The psychology of apes.) Psychol. Forschung., 1922, 1, 2-46.
- 424.50 Hermann, I. Zur Psychologie der Schimpansen. (Psychology of the chimpanzees.) Int. Z. aerztl. Psychoanal., 1923, 9, 80-87.
- 424.51 Sheak, W. H. Anthropoid apes I have known. Nat. Hist., 1923, 23, 45-55.
- 424.52 Sheak, W. H. Some further observations on the chimpanzee. J. Mammalogy, 1924, 5, 122-129.
- 424.53 Yerkes, R. M. Almost human. New York: Century, 1925, 273 pp.
- 424.54 Kearton, C. My friend Toto: the adventures of a chimpanzee and the story of his journey from the Congo to London. Arrowsmith, 1925, 126 pp.
- 424.55 Waldau, G. Tell kannedomen om Kameruns Schimpanser. (To the knowledge of Cameroons chimpanzee.) Fauna och flora, 1926, 21, 270-272.
- 424.56 Maxwell, T. D. Note on a young female chimpanzee. Proc. zool. Soc. Lond., 1926, 2, 940.
- 424.57 Buck, J. L. The chimpanzee shaken out of his nest. Asia, 1927, 27, 308-313, 326-328.
- 424.58 Serrai Roure, E. Psychology of the chimpanzee. Criterion, 1927, 3, 334-335.

- 424.59 Passemard, E. Quelques observations sur les chimpanzes. (Some observations on chimpanzees.) J. Psychol. norm. path., 1927, 24, 243-253.
- 424.60 Yerkes, R. M., & Child, M. S. Anthropoid behavior. Quart. Rev. Biol., 1927, 2, 37-57.
- 424.61 Kearton, C. My happy chimpanzee. New York: Dodd, Mead, 1928, 125 pp.
- 424.62 Ogden, C. K. The mind of a chimpanzee. London: Kegan Paul, 1928.
- 424.63 Brandes, G. Mit Gorilla und Schimpanse im Schlafwagenabteil ueber den Sankt Gotthard. (With gorilla and chimpanzee in a sleeping compartment over the St. Gotthard pass.) Zool. Gart., Leipzig, 1928, 1, 42-44.
- 424.64 Bingham, H. C. Some chimpanzee adaptations that are fundamental in human achievements. Eug. News, 1929, 14, 41-44.
- 424.65 Wilbert, R. Le chimpanze, animal d'expériences. (The chimpanzee, animal of experiences.) Rev. vet. Military, 1929, 13, 274-281.
- 424.66 Yerkes, R. M., & Yerkes, A. W. The great apes. A study of anthropoid life. New Haven: Yale University Press, 1929.
- 424.67 Noback, C. V. The Zoological Park's young female gorilla, Janet Penserosa, with notes concerning her companion, young female chimpanzee, Ellen Allegra. Bull. N. Y. zool. Soc., 1931, 34, 74-104.
- 424.68 Raven, H. C. Meshie, the child of a chimpanzee. Nat. Hist., 1932, 32, 158-166.
- 424.69 Pfungst, O. Biologische Untersuchungen an Alt und Neuweltaffen. (Biological research on old and new-world apes.) Med. Welt., 1933, 7, 1013-1016.
- 424.70 Raven, H. C. Further adventures of Meshie. Nat. Hist., 1933, 33, 607-617.
- 424.71 Kellogg, W. N., & Kellogg, L. A. Another film of the ape and the child. Psychol. Bull., 1933, 30, 581-582.
- 424.72 Yerkes, R. M. Concerning the anthropocentrism of psychology. Psychol. Rev., 1933, 40, 209-212.
- 424.73 Yerkes, R. M. Chimpanzee culture and psychobiological research. Psychol. Bull., 1934, 31, 669.
- 424.74 Felce, W. Orang Resi und Schimpanse Nanni, zwei Menschenaffen-kinder. Das Tier und wir. (Orangutan "Resi" and chimpanzee "Nanni", two infant anthropoid apes. The animal and us.) Tierparkzeitschrift. Hellabrunn, Munich, 1934.

- 424.75 Hatchet-Souplet, P. New investigations of the psychology of monkeys. Rev. Sci., 1935, 73, 561-568.
- 424.76 Yerkes, R. M. A second generation captive-born chimpanzee. Science, 1935, 81, 542-543.
- 424.77 Stenmller-Morath, C. Die Koprophagie, eine Gefangenschafterscheinung bei den Anthropomorphen. (Coprophagy, a symptom of captivity in the anthropoid apes.) Zool. Gart., Leipzig, 1937, 9, 159-161.
- 424.78 Douglas, J. W. B. Monkeys and apes. Bull. Anim. Behav., 1938, 1, 23-25.
- 424.79 Mann, W. M. Monkey folk. Nat. geogr. Mag., 1938, 73, 615-655.
- 424.80 Schneider, K. M. Kann der Schimpanse "brusttrommeln"? (Can the chimpanzee "breast-beat")? Zool. Gart., 1938, 9, 161-165.
- 424.81 Yerkes, R. M. Presidential address: The life history and personality of the chimpanzee. Amer. Nat., 1939, 73, 97-112.
- 424.82 Mann, W. M. Man's closest counterparts. Nat. geogr. Mag., 1940, 78, 213-236.
- 424.83 Yerkes, R. M. Laboratory chimpanzees. Science, 1940, 91, 336-337.
- 424.84 Grzimek, B. Beobachtungen an einem kleinen Schimpansenmaedchen. (Observations of a young female chimpanzee.) Z. Tierpsychol., 1940-1941, 4, 295-306.
- 424.85 Yerkes, R. M. Conjugal contrasts among chimpanzees. J. abnorm. soc. Psychol., 1941, 36, 175-199.
- 424.86 Steinbacher, G. Beobachtungen an einem jungen Schimpansen. (Observations on a young chimpanzee.) Natur. u. Volk, 1941, 71, 55-63.
- 424.87 Guillaume, P. The psychology of monkeys. Presses Universitaires, 1941, 257-335.
- 424.88 Vojtonis, N. G., & Tikh, N. A. The role of different analyzers in the behavior of apes. Sovietsk. Neuropsikhiat., 1941, 6, 617-622.
- 424.89 Pattern, R. A. Rearing of a baby chimpanzee on artificial foods. Annual Report Taronga Zoological Park, Sydney, Australia, 1943, 25-40.
- 424.90 Budd, A., Smith, L. G., & Shelly, F. W. On the birth and upbringing of the female chimpanzee "Jacqueline." Proc. zool. Soc., London, 1943, 113, 1-20.

- 424.91 Ashley-Montagu, M. F. On the relation between body size, waking activity, and the origin of social life in the primates. Amer. Anthropol., 1944, 46, 141-145.
- 424.92 Gray, J. E. Chimpanzees: A psychobiological review. Discovery, 1944, 5, 121-124.
- 424.93 Mann, W. M. Wild animals in and out of the Zoo. Smithson. Ser., 1944, 6, 380 pp.
- 424.94 Benchley, B. J. Here and there. Zoonoz, 1945, 18(6), 3-4.
- 424.95 Hebb, D. O. Behavioral differences between male and female chimpanzees. Bull. Canad. psychol. Ass., 1946, 6, 56-58.
- 424.96 Nissen, H. W. Primate psychology. In P. L. Harriman, (Ed.), Encyclopedia of Psychology, N. Y. Philos. Library, 1946, 546-570.
- 424.97 Dembowski, J. Psychology of monkeys. Warsaw: Ksrazka, 1946, 271 pp.
- 424.98 Kinder, E. F. Development of personality characteristics. Amer. Psychologist, 1947, 2, 267.
- 424.99 Nissen, H. W. The psychology of apes. In The story of animal life, vol. 2, London: Elsevier Pub. Co., Ltd., 1949, Chapt. 24, 355-366.
- 424.100 Beatty, H. A note on the behavior of the chimpanzee. J. Mammalogy, 1951, 32, 118.
- 424.101 Hayes, K. J., & Hayes, C. The intellectual development of a home-raised chimpanzee. Proc. Amer. phil. Soc., 1951, 95, 105-109.
- 424.102 Hayes, C. The ape in our house. New York: Harper, 1951, 247 pp.
- 424.103 Haddow, A. J., Field and laboratory studies on an African monkey, *Arcopithecus ascanius schmidti Matschie*. Proc. zool. Soc. Lond., 1952, 122, 297-394.
- 424.104 Schiller, P. H. Innate constituents of complex responses in primates. Psychol. Revue, 1952, 59, 177-191.
- 424.105 Hayes, K. J. Abstract on "Vicki". Year Book Amer. Philos. Soc., 1952, 169-180.
- 424.106 Hayes, K. J., & Hayes, C. Mechanical interest and ability of a home raised chimpanzee. Part I. 16 mm motion picture film, black and white silent, 17 minutes, 1954. Available through Psychological Cinema Register, Pennsylvania.
- 424.107 Hayes, K. J., & Hayes, C. Mechanical interest and ability of a home raised chimpanzee. Part II. 16 mm motion picture film, black and white silent, 18 minutes, 1954. Available through Psychological Cinema Register, Pennsylvania.

- 424.108 Hayes, K. J., & Hayes, C. Mechanical interest and ability of a home raised chimpanzee. Part III. See Part I.
- 424.109 Hayes, K. J., & Hayes, C. Mechanical interest and ability of a home raised chimpanzee. Part IV. See Part I.
- 424.110 Nissen, H. W. Individuality in the behavior of chimpanzees. Amer. Anthropol., 1956, 58, 407-413.
- 424.111 Nissen, H. W. Axes of behavioral comparison. In A. Roe & G. G. Simpson (Eds.), Behavior and Evolution. Yale Univ. Press, 1958, Chapter 9.
- 424.112 Morris, D. An analysis of paintings and drawings by chimpanzees. Bull. Brit. Psychol. Soc., 1958, 36, 29-30.
- 424.113 Kortlandt, A. Can lessons from the wild improve the lot of captive chimpanzees? Int. Zoo Yearbook, 1960.
- 424.114 Menzel, E. W., Jr., Davenport, R. K., Jr., & Rogers, C. M. Some aspects of behavior toward novelty in young chimpanzees. J. comp. physiol. Psychol., 1961, 54, 16-19.
- 424.115 Morris, D. Primate's aesthetics. Natur. Hist., 1961, 70, 22-29.
- 424.116 Rempe, U. Einige Beobachtungen an Bonobos Pan paniscus Schwarz 1929. (Some observations in respect to Bonobos Pan paniscus Schwarz, 1929.) Z. wiss. Zool., 1961, 165, 81-87.
- 424.117 Hess, T. B. Of chimps and chumps. Art News, 1962, 61, 23.
- 424.118 Morris, D. The biology of art. Alfred A. Knopf, 1962, 176 pp.
- 424.119 Riopelle, A. J. & Rogers, C. M. Behavior of chimpanzees of differing ages. Activ. nerv. sup. (Praha), 1963, 5, 260-263.
- 424.120 Reynolds, V. Chimpanzee behavior in relation to the predominant food sources. Anim. Behav., 1963, 11, 611.
- 424.121 Schleidt, W. Verhalten. Wirkungen äusserer Faktoren auf das Verhalten. (Behavior. The effects of the external factors on behavior.) Fortschr. Zool., 1963, 16, 469-499.
- 424.122 Miles, W. R. The surprising behavior of Pan and Wendy. Naval Research Review, 1963, 16(6), 14-16.
- 424.123 Anonymous. Chimponauts in training. Time, 1963, 77, 68.

- 424.124 Cate, W. Anatomische und physiologische Befunde bei einer künstlich aufgezogenen Schimpansin mit vergleichenden Hinweisen auf entsprechende Beobachtungen beim menschlichen Saugling. (Anatomical and physiological results of the home-raising of a chimpanzee and their relationship to human infant.) Z. Morph. Anthropol., 1963, 53, 181-288.
- 424.125 Wünschmann, A. Quantitative Untersuchungen zum Neugierverhalten von Wirbeltieren. (Quantitative investigation of curiosity in vertebrates.) Z. Tierpsychol., 1963, 20, 80-109.
- 424.126 Maccoby, E. E. Developmental psychology. Ann. Rev. Psychol., 1964, 15, 203-250.
- 424.127 Reynolds, V. The "man of the woods." New studies outline chimpanzee behavior. Nat. Hist., N. Y., 1964, 73, 44-51.
- 424.128 Menzel, E. W. Patterns of responsiveness in chimpanzees reared through infancy under conditions of environmental restriction. Psychologische Forschung, 1964, 27, 337-365.
- 424.129 Reynolds, V. Some behavioral comparisons between the chimpanzee and the mountain gorilla in the wild. American Anthropologist, 1965, 67, 691-706.
- 424.130 Schaller, G. B. Behavioral comparisons of the apes. In DeVore, I., (Ed.), Primate behavior: Field studies of monkeys and apes, New York: Holt, Rinehart and Winston, 1965.
- 424.131 Ehlers, K. Über die Sturmflut vom 16/17 Februar 1962 in den "Tiergrotten Bremerhaven" und über das Verhalten einiger Tierarten in dieser Nacht. (Concerning the flood of 16-17 February 1962 in "Tiergrotten Bremerhaven" and the behavior of several species of animals during the night.) Zool. Gart. (Lpz.), 1965, 31, 158-169.
- 424.132 Glickman, S. E. & Sroges, R. W. Curiosity in zoo animals. Behavior, 1966, 26, 151-188.
- 424.133 Wickler, W. Vergleichende Verhaltensforschung und Phylogenetik. (Comparative Research on Behavior and Phylogenetics) Die Evolution der Organismen, (The Evolution of Organisms), G. Heberer, (Ed.) Stuttgart: G. Fischer, 1967, 3, vol. 2, 420-508.
- 424.134 Yamamoto, S. Notes on hand-rearing chimpanzee twins Pan troglodytes at Kobe Zoo. Int. Zoo Yearb., 1967, 7, 97-98.
- 424.135 Rule, C. A theory of human behavior based on studies of non-human primates. Perspect. Biol. Med., 1967, 10, 153-176.
- 424.136 Williams, L. The dancing chimpanzee. New York: W. W. Norton & Company, Inc., 1967, 104 pp.
- 424.137 Barnett, S. A. The "instinct to teach." Nature (Lond.), 1968, 220, 747-749.

- 424.138 Grueh, R. J. A captive-born gorilla Gorilla g. gorilla at St. Louis Zoo. Int. Zoo Yearb., 1968, 8, 128-131.
- 424.139 Kellogg, W. N. Chimpanzees in experimental homes. Psychol. Rec., 1968, 18, 489-498,
- 424.140 Russell, C. & Russell, W. M. S. Violence, monkeys & man. London: Macmillan & Co., Inc., 1968, 340 pp., 8 pls.
- 424.141 Fridman, E. P. (Augmentation of Sukhumi colony with man-like apes.) Vop. Antrop., 1968, 30, 166.
- 424.142 Anon. Unguarded moments. Zoonooz, 1968, 41(2), 10-12.
- 424.143 McKinney, W. T., Jr. & Dunney, W. E., Jr. Animal model of depression. I. Review of evidence: Implications for research. Arch. gen. Psychiat., 1969, 21, 240-248.
- 424.144 Kellogg, W. N. Research on the Home-Raised Chimpanzee. In G. H. Bourne (Ed.), The chimpanzee, vol. 1. Baltimore: University Park Press, 1969, Pp. 170-392.
- 424.145 Reynolds, H. H. & Farrer, D. N. Chimpanzee psychobiology, Primates in Med., 1969, 4, 62-93.
- 424.146 Menzel, E. W., Jr. Chimpanzee utilization of space and responsiveness to objects. Age differences and comparison with macaques. Pp. 72-80 in Proceedings of the second international congress of primatology, vol. 1, C. R. Carpenter, (Ed.) Basel: S. Karger, 1969.
- 424.147 Hummer, R. L., May, H. C. & Knight, W. F. Observations during the first year of operation of a chimpanzee breeding colony, Pp. 1-8 in Proceedings of the second international congress of primatology, vol. 2, H. O. Hofer, (Ed.) Basel: S. Karger, 1969.
- 424.148 Hummer, R. L., May, H. C. & Knight, W. F. Observations during the first year of operation of a chimpanzee breeding colony. Z. Versuchstierk., 1969, 11, 207-221.
- 424.149 Rensenbrink, H. P. De eerste chimpansee van eigen huis. (The first chimpanzee in our house.) Artis, 1970, 16, 202-210.
- 424.150 Ettlinger, George. Man, chimpanzee and monkey: A neuropsychological comparison. Brain Res., 1970, 24, 555. (Abstract only)
- 424.151 Mitchell, G. Abnormal behavior in primates. Pp. 195-249 in Primate Behavior, vol. 1, L. A. Rosenblum. (Ed.) New York: Academic Press, 1970.

424.152 Hubsch, I. Einiges zum Verhalten der Zwergschimpansen (Pan paniscus) und der Schimpansen (Pan troglodytes) im Frankfurter Zoo.
(Some observations of the pigmy chimpanzee (Pan paniscus) and the chimpanzee (Pan troglodytes) in the Frankfurt Zoo.) Zool. Gart. (Lpz.), 1970,
38, 107-132.

424.153 Clarke, G. K. Ape art: An assessment. Bear Facts, 1971,
7(2), (8-9).

424.154 Clarke, G. K. D. James Orang, the painting primate. Bear Facts
1971, 7 (2), (1-3).

424.155 Angus, S. Water-contact behavior of chimpanzees. Folia primat.,
1971, 14, 51-58.

424.156 Hayes, D. J. & Nissen, C. H. Higher mental functions of a home
raised chimpanzee. Chapter 2 in Behavior of nonhuman primates. Modern
research trends, vol. 4, A. M. Schrier & F. Stollnitz, (Eds.) New York:
Academic Press, 1971.

424.157 Anon. Around the zoo in the nursery. Zoonoos, 1971, 44(July), 8.

425.00 Observational Psychobiology
(Observed In Wild, Field Studies, Ethology)

- 425.1 Camper, P. Naturgeschichte des Orang-Utang und einiger ander Affenarten, des afrikanischen Nashorns mit Beobachtungen des Verfassers herausgegeben von J. F. M. Herbell. (Natural history of the orangutan and some other apes species, of the African rhinoceros, with observations of the author edited by J. F. M. Herbell.) Duesseldorf: J. C. Danzer, 1791, 224 pp.
- 425.2 Burton, R. F. Two trips to gorilla land and the cataracts of the Congo. London: Sampson Low, Marston (etc.), 1876.
- 425.3 Reichart, P. Schimpanse am Tanganika. (Chimpanzee of Tanganyika.) Arch. Naturgesch., 1884, 50, 120-124.
- 425.4 Bates, G. L. Notes on the mammals of southern Cameroons and the Benito. Proc. zool. Soc. Lond., 1905, 1, 65-85.
- 425.5 Christy, C. C. The habits of chimpanzees in African forests. Proc. zool. Soc. Lond., 1915, 536.
- 425.6 Garner, R. L. Troops of chimpanzees on open plains. Bull. N. Y. zool. Soc., 1918, 21, 1566-1567.
- 425.7 de Cuvry, --. Meine Beobachtungen an Menschenaffen. (My observations on anthropoid apes.) Zool. Beob., 1920, 61, 153-158.
- 425.8 Hornaday, W. T. The minds and manners of wild animals. A book of personal observations. New York: Charles Scribner's Sons, 1922.
- 425.9 Barns, T. A. Across the great craterland to the Congo. A sequel to "The wonderland of the eastern Congo." London: E. Benn, 1923.
- 425.10 Heck, L. Capture de grands singes cynocephales en Abyssinie. (Capture of cynocephalic apes in Abyssinia.) Laterre et la Vie, 1931, 515-525.
- 425.11 Nissen, H. W. A field study of the chimpanzee. Observations of chimpanzee behavior and environment in Western French Guinea. Comp. Psychol. Monogr., 1931-1932, 8, 122 pp.
- 425.12 Mann, W. M. & Mann, L. Q. Collecting live animals in Liberia. Explor. and Field Work Smithsonian Inst., 1941, 3631, 13-20.
- 425.13 Pitman, C. R. S. A game warden takes stock. London: James Nisbet and Co., 1942, 287 pp.

- 425.14 Blancou, L. Destruction and protection of the wild life in French Equatorial and French West Africa. V. Primates, African Wildlife, 1961, 15, 29-34.
- 425.15 Bourliere, F. The need for a new conservation policy for wild primates. Ann. N. Y. Acad. Sci., 1962, 102, 185-189.
- 425.16 Kortlandt, A. Chimpanzees in the wild. Scientific American, 1962, 206, 128-138.
- 425.17 Goodall, J. My life among wild chimpanzees. Nat. Geogr. Mag., 1963, 124, 272-308.
- 425.18 Goodall, J. Feeding behaviour of wild chimpanzees: A preliminary report. Symp. zool. Soc. Lond., 1963, 10, 39-47.
- 425.19 Metershead, G. S. Experiences with chimpanzees at liberty on islands. Zool. Gart., Lpz., 1963, 28, 31-33.
- 425.20 Tappen, N. C. Primate studies in Sierra Leone. Curr. Anthrop., 1964, 5, 339-340.
- 425.21 Sloan, C. H. Girl scientist studies wild chimpanzees. National Geographic School Bulletin, 1964 43, 82-85.
- 425.22 Kortlandt, A. Observation des chimpanzés a l'état sauvage. (Observation of the wild chimpanzee.) Supplément Au Numéro 61 de Science Et Nature, May, 1964, 1-3.
- 425.23 Kortlandt, A. Observation des chimpanzés a l'état sauvage. (Observation of the wild chimpanzee.) Supplément Au Numéro 65 de Science Et Nature, Sept., 1964, 1-3.
- 425.24 Kortlandt, A. Observation des chimpanzés a l'état sauvage. (Observation of the wild chimpanzee.) Supplément Au Numéro 66 de Science Et Nature, Dec., 1964, 1-2.
- 425.25 Jay, P. Field studies. In Schrier, A. M., Harlow, H. F., & Stollnitz, F. (Eds.) Behavior of nonhuman primates: Modern research trends, New York: Academic Press, 1965.
- 425.26 Goodall, J. New discoveries among Africa's chimpanzees. National Geographic, 1965, 128, 802-831.
- 425.27 Reynolds, V. & Reynolds, F. Chimpanzees of the Budongo forest. In DeVore, I., (Ed.), Primate behavior: Field studies of monkeys and apes, New York: Holt, Rinehart, and Winston, 1965.
- 425.28 Goodall, J. Chimpanzees of the Gombe Stream Reserve. In DeVore, I. (Ed.), Primate Behavior: Field studies of monkeys and apes, New York: Holt, Rinehart, and Winston, 1965.

425.29 Thorpe, W. H. Ethology and consciousness. Chapter 19 in Brain and conscious experience, J. C. Eccles, (Ed.) New York: Springer-Verlag, Inc., 1966.

425.30 Suzuki, A. On the insect-eating habits among wild chimpanzees living in the savanna woodland of western Tanzania. Primates, 1966, 7, 481-487.

425.31 Kawabe, M. One observed case of hunting behavior among wild chimpanzees living in the savanna woodland of western Tanzania. Primates, 1966, 7, 393-396.

425.32 Jewell, P. A. The concept of home range in mammals. Symp. zool. Soc. Lond., 1966, 18, 85-109.

425.33 Kimball, C. D. Ethology in clinical obstetrics. Amer. J. Obstet. Gynec., 1967, 98, 616-620.

425.34 Scott, J. P. Comparative psychology and ethology. Annu. Rev. Psychol., 1967, 18, 65-86.

425.35 Rowell, T. E. Forest living baboons in Uganda. J. Zool., 1966, 149, 344-365, 2 pls. Abstract: Biol. Abstr., 1967, 48, #5186.

425.36 Rahm, U. Les mammifères de la forêt équatoriale de l'est du Congo. (The Mammals of the Equatorial Forest of the Eastern Congo.) Ann. Mus. roy. Afr. cent., 1966, 149, 37-121, 12 pls. Abstract: Biol. Abstr., 1967, 48, #125027.

425.37 Kortlandt, A. Experimentation with chimpanzees in the wild. Pp. 208-224 in Neue Ergebnisse der Primatologie, D. Starck, R. Schneider, & H.-J. Kuhn, (Eds.) Stuttgart: Gustav Fischer Verlag, 1967.

425.38 Rahm, U. Observations during chimpanzee captures in the Congo. Pp. 195-207 in Neue Ergebnisse der Primatologie, D. Starck, R. Schneider, & H.-J. Kuhn, (Eds.) Stuttgart: Gustav Fischer Verlag, 1967.

425.39 Morris, D. (Ed.) Primate ethology. London: Weidenfeld and Nicolson, 1967, x, 374 pp., 21 pls.

425.40 Hall, K. R. L. Field studies of primates. Science J., 1967, 3(6), 71.

425.41 Suzuki, A. An ecological study of chimpanzees in a savanna woodland. Primates, 1969, 10, 103-148.

425.42 Kock, D. Die Verbreitung der Primaten im Sudan. (The range of Primates in the Sudan.) Z. Säugetierk., 1969, 34, 193-216.

425.43 Dorst, J. A field guide to the larger mammals of Africa. Boston, Houghton Mifflin Co., 1970, 287 pp.

425.44 Grzimek, B. Among animals of Africa. New York, Stein and Day, 1970, 368 pp.

425.45 Dupuy, A. R. Sur la présence du chimpanzé dans les limites du Parc national du Niokolo-Koba (Sénégal). (Concerning the presence of a chimpanzee withing the limits of the National Park of Niodolo-Koba--Senegal) Bull. Inst. fondament. Afr. noire, 1970, A32, 1090-1099.

425.46 Gibbons, M. F., Jr. A trip through Korup: A preliminary expedition into the lowland rain forest of west central Africa. Discovery (New Haven), 1970, 6(1), 7-14.

425.47 Robinson, P. T. Wildlife trends in Liberia and Sierra Leone. Oryx, 1971, 11, 117-122.

425.48 Dupuy, A. R. Le Parc national du Niodolo-Koba (République du Sénégal). (The National Park of Niokolo-Koba--Republic of Sénegal) Bull. Inst. fondament. Afr. noire, 1971, A33, 253-259, 6 pl.

425.49 Kano, T. The chimpanzee of Filabanga, Western Tanzania. Primates, 1971, 12, 229-246.

425.50 Kano, T. Distribution of the primates on the eastern shore of Lake Tanganyika. Primates, 1971, 12, 281-304.

Miscellaneous

501.00 Phylogeny of the Chimpanzee

- 501.1 Vogt, C. Menschen, Affen-Menschen, Arfén und Prof. Th. Bischoff in Muenchen. (Humans, ape-men, apes, and Prof. Th. Bischoff in Munich.) Untersuch. Naturl. Mensch. Tiere, 1870, 10, 493-525.
- 501.2 Mivart, S. G. Man and apes, an exposition of structural differences bearing upon questions of affinity and origin. London: 1873, 200 pp.
- 501.3 Hermes, O. Anthropomorphe Affen des Berliner Aquarium. (Anthropoid apes of the Berlin Aquarium.) Z. Ethn., 1876, 8, Verh., 88-94.
- 501.4 Loomis, F. B. The adaptations of the primates. Amer. Nat., 1911, 45, 479-492.
- 501.5 Gray, J. E. The differences and affinities of paleolithic man and the anthropoid apes. Man, 1911, 11, 117-120.
- 501.6 Keith, A. The evolution, anatomy, and disease of the anthropoid apes. Med. Pr., 1914, 97, 222-225.
- 501.7 Behm, H. W. Zum Seelenleben der Anthropoiden. Im Lichte biologisch-psychologischer Beobachtungen auf der Anthropoiden-Station Teneriffas und der sich daraus ergebenden praktischen Forderung "polygenetischer" Tendenzen. (Toward the psychic life of the anthropoids. In the light of biopsychological observations at the Tenerife Anthropoid Station and the practical promotion of the polygenetic tendencies resulting from them.) Polygen. Beitr., 1916, 2, 2-7.
- 501.8 Mathew, W. D. Man and the anthropoid. Science, 1917, 46, 239-240.
- 501.9 Curtis, M. M. Man and the anthropoids. Science, 1917, 46, 88.
- 501.10 Forster, A. Etude de l'evolution phylogenetique de la vessie dans la serie des mammifères superieurs: prosimiens et primates. (Study of the phylogenetical evolution of the bladder in the superior mammal series: prosimians and primates.) Arch. Anat., Strasbourg, 1922, 1, 205-244.
- 501.11 Peake, H., & Fleure, J. F. Apes and men. New Haven: Yale Univ. Press, 1927, 138 pp.
- 501.12 Stiles, C. W., & Orleman, M. B. The nomenclature for man, the chimpanzee, the orangutan and the Barbary ape. Government Printing Office, Washington, 1927, 72 pp.
- 501.13 Gregory, W. K. How near is the relationship of man to the chimpanzee-gorilla stock? Quart. Rev. Biol., 1927, 2, 549-560.

Preceding page blank

- 501.14 Osborn, H.F. The influence of habit in the evolution of man and the great apes. Bull. N. Y. Acad. Med., 1928, 4, 216-230, disc. 230-249.
- 501.15 Abel, O. Neure Forschungen ueber die Herkunft und Stammesgeschichte der Primaten. (More recent investigations on the origin and phylogeny of the primates.) Verh. Zool. Bot. Ges. Vienna, 1928, 78, 39-45.
- 501.16 Regan, C.T. The evolution of the primates. Ann. Mag. Nat. Hist., 1930, 383-392.
- 501.17 Weinert, H. Ursprung der Menschheit; ueber den engeren Anschluss des Menschengeschlechtes an die Menschenaffen.. (Origin of mankind; over the narrow junction of the human species with the anthropoid apes.) Stuttgart: Ferdinand Enke, 1932, 380 pp.
- 501.18 Zuckerman, S. Functional Affinities of Man, Monkeys and Apes. London: Kegan Paul, 1933, 203 pp.
- 501.19 Abel, O. Das Verwandtschaftsverhaeltnis zwischen dem Menschen und den hoeheren fossilen Primaten. (The hereditary relationships between the humans and the higher fossil primates.) Zeitschr Morph. Anthropol., 1934, 34, 1-14.
- 501.20 Hermann, I. Neue Beitrage zur vergleichenden Psychologie der Primaten. (New contributions to the comparative psychology of the primates.) Image, 1936, 22, 442-456.
- 501.21 Mossman, H. W. Comparative Morphogenesis of the fetal membranes and accessory uterine structures. Contr. Embryol. Carneg. Instn., 1937, 26, 129-246.
- 501.22 Cave, A. J. E., & Haines, R. W. Meristic variation and reversability of evolution. Nature, 1944, 154, 579-580.
- 501.23 Hooton, E. A. Up from the Ape. MacMillan Co., 1948, 788 pp.
- 501.24 Heberer, G. Fortschritte in der Erforschung der Phylogenie der Hominoidea. (Advances in the research of the phylogeny of the hominoideas 'anthropoids') Ergebn. Anat. Entw. Gesch., 1952, 34, 498-637.
- 501.25 Wirz, K. Ontogenese und cerebralisation bei Eutheria. (Ontogeny and cerebralization in true placental mammals.) Acta. Anat., 1954, 20, 318-329.
- 501.26 Tappen, N. C. A comparative functional analysis of primate skulls by the split-line technique. Hum. Biol., 1954, 26, 220-238.
- 501.27 Nissen, H. W. Problems of mental evolution in the primate. Hum. Biol., 1954, 26, 277-287.

- 501.28 Kipp, F. A. Die Entstehung der menschlichen Lautbildungsunfachigkeit als Evolutionsproblem. (The origin of the human alalia as a problem of evolution.) Experientia, 1955, 11, 89-94.
- 501.29 Kalin, J. Zur Systematik und evolutiven Deutung der hoeheren Primaten. (Toward the systematic and evolutional explanation of the higher primates.) Experientia, 1955, 11, 1-17.
- 501.30 Tappen, N. C. Primate evolution and human behavior. Sel. Pap. Int. Congr. anthrop. ethnol. Sci., 1956, 5, 725-731.
- 501.31 Biegert, J. Der Formwandel des Primatenschadels und seine Beziehungen zur ontogenetischen Entwicklung and den phylogenetischen Spezialisierungen der Kopforgane. (The change in the form of primate skulls and its relationship to the ontogenetic development and phylogenetic specialization of the head organs.) Gegenbaurs morph. Jb., 1957, 98, 77-199.
- 501.32 Washburn, S. L., & Avis, V. Evolution of human behavior. In: Behavior and evolution. A. Roe & G. G. Simpson, Eds., New Haven, Conn.; Yale Univ. Press, 1958, 421-436.
- 501.33 DuBrul, E. L. Evolution of the speech apparatus. Springfield, Charles C. Thomas, 1958, x, 103 pp.
- 501.34 Nesturkh, M. F. The origin of man. Moscow, Foreign Languages Publishing House, 1959, 349 pp.
- 501.35 Parker, W. C. & Bearn, A. G. Haptoglobin and transferrin variation in humans and primates: Two new transferrins in Chinese and Japanese populations. Ann. Human Genet., 1961, 25, 227-241.
- 501.36 Buettner-Janusch, J. Transferrin differences in chimpanzee sera. Nature, 1961, 192, 632-633.
- 501.37 Buettner-Janusch, J. A new look at the evolution of the primates. Trans. N. Y. Acad. Sci., 1961, 24, 23-29.
- 501.38 Remane, A. Probleme der Systematik der Primaten. (Problems of taxonomy of primates.) Zeitsch. Wiss. Zool., 1961, 165, 1-34.
- 501.39 Gremyatskii, M. A. Osnovnaya liniya evolyutsii vysshikh primatov v neogene. (The fundamental evolutionary line of the higher primates in the neocene.) Voprosy Antropol., 1961, 7, 3-8. Referat. Zhur. Biol., 1962, No. 7M263 (transl.)
- 501.40 Goodman, M. Species differences in the distribution of transferrin phenotypes in macaques and other higher primates. Amer. J. Phys. Anthropol., 1962, 20, 68. (Abstract)

- 501.41 Buettner-Janusch, J. Antihuman sera and primate erythrocytes. In: Blood groups in infrahuman species. Ann. N. Y. Acad. Sci., 1962, 97 9-14.
- 501.42 Buettner-Janusch, J. Biochemical genetics of the primates hemoglobins and transferrins. Ann. N. Y. Acad. Sci., 1962, 102, 235-248.
- 501.43 Eyquem, A., Podliachouk, L., & Millot, P. Blood groups in chimpanzees, horses, sheep, pigs, and other mammals. In: Blood groups infrahuman species. Ann. N. Y. Acad. Sci., 1962, 97, 320-328.
- 501.44 Chuh, E. H. Y. & Bender, M. A. Cytogenetics and evolution of primates. Ann. N. Y. Acad. Sci., 1962, 102, 253-266.
- 501.45 Simons, E. L. Fossil evidence relating to the early evolution of primate behavior. Ann. N. Y. Acad. Sci., 1962, 102, 282, 295.
- 501.46 Goodman, M. Immunochemistry of the primates and primate evolution. Ann. N. Y. Acad. Sci., 1962, 102, 219-34.
- 501.47 Simpson, G. G. Primate taxonomy and recent studies of nonhuman primates. Ann. N. Y. Acad. Sci., 1962, 102, 497-514.
- 501.48 Arfors, K. & Beckman, L. Phylogenetical and immunological aspects of primates serum transferrins. Hereditas, 1962, 48, 132-137.
- 501.49 Napier, J. R. The evolution of the higher primates. In F. Goldby and R. J. Harrison, Editors, Recent Advances in Anatomy. 2nd ed., Little Brown and Co., 1962, p. 430-436.
- 501.50 Crick, F. H. S. The genetic code. Scientific American, 1962, 207, 66-74.
- 501.51 Picord, J., Heremans, J., & Vanderbroek, G. Serum proteins found in primates. II. Serum proteins of some other primate species. Vox Sanguinis, 1962, 7, 425-488.
- 501.52 Hofer, H. Die Evolution des Gehirnes der Primaten und die Interpretation der Schädelform des Menschen. (The evolution of the brain of primates and the interpretation of the cranial form of man.) Ann. Soc. zool. Belg., 1963, 94, 97-115.
- 501.53 Montagna, W. Phylogenetic significance of the skin of man. Arch. Derm., 1963, 88, 1-19.
- 501.54 Andrew, R. J. The origin and evolution of the calls and facial expression of the primates. Behaviour, 1963, 20, 1-109.
- 501.55 Noback, C. R., & Moskowitz, N. The primate nervous system: Functional and structural aspects in phylogeny. In Buettner-Janusch, J., (ed.), Evolutionary and genetic biology of primates, New York: Academic Press, 1963.

- 501.56 Jerison, H. J. Interpreting the evolution of the brain. Hum. Biol., 1963, 35, 263-291.
- 501.57 Andrew, R. J. Evolution of facial expression. Science, 1963, 142, 1034-1041.
- 501.58 Tappen, N. C. Genetics and systematics in the study of primate evolution. Symp. zool. Soc. Lond., 1963, 10, 267-276.
- 501.59 von Bonin, G. The evolution of the human brain. Chicago: University of Chicago Press, 1963, 14, 1-92.
- 501.60 Andrew, R. J. Trends apparent in the evolution of vocalization in the Old World monkeys and apes. Symp. zool. Soc. Lond., 1963, 10, 89-101.
- 501.61 Napier, J. R. The evolution of bipedal walking in the hominids. Arch. Biol. (Leige), 1964, 75, 673-708.
- 501.62 Washburn, S. L. Classification and Human Evolution. Chicago: Aldine, 1964.
- 501.63 Napier, J. R. Genesis of bipedalism in hominids. J. Anat. (Lond.), 1964, 98, 297.
- 501.64 Lieb, W. A., & Stark, N. Zur Phylogene und Morphologie der Kammerbucht. (To phylogenesis and morphology of the ventricular sinus.) Klin. Mol. Augenheilk., 1964, 144, 1-27.
- 501.65 Abbie, A. A. The factor of timing in the emergence of distinctively human characters. Pap. Proc. roy. Soc. Tasmania, 1964, 98, 63-71.
- 501.66 Goodman, M. The specificity of proteins and the process of primate evolution. Protides biol. Fluids, 1964, 12, 70-86.
- 501.67 Maisel, H. Phylogenetic properties of primate lens antigens. Protides biol. Fluids, 1964, 12, 146-148.
- 501.68 Boyce, A. J. The value of some methods of numerical taxonomy with reference to hominoid classification. Systematics Ass. Publ., 1964, 6, 47-65.
- 501.69 Pournelle, G. H. Four forms of chimpanzees. Zoolog, 1964, 37(2), 3-5.
- 501.70 Wi ner, A. S., Moor-Jankowski, J., & Rogers, C. M. Heredity of blood groups in chimpanzees. Amer. J. Human Genet., 1965, 17, 6.
- 501.71 Tuttle, R. H. The functional morphology and evolution of hominoid hands. Amer. J. phys. Anthropol., 1965, 23, 33.
- 501.72 Lewis, O. J. The evolution of the Mm. interossei in the primate hand. Anat. Rec., 1965, 153, 275-287.

- 501.73 Williams, C. A., Jr. Discussion of biochemical and immunochemical approaches to the study of protein evolution in the primates. Ann. N. Y. Acad. Sci., 1962, 102, 249-252.
- 501.74 Tuttle, R. H. A study of the chimpanzee hand with comments on hominoid evolution. Diss. Abstr., 1965, 26, 619.
- 501.75 Peiper, A. Vorfahren und Nachkommen. (Ancestors and descendants.) Mschr. Kinderheilk., 1965, 113, 400-406.
- 501.76 Gavan, J. A. & Swindler, O. R. Growth rates and phylogeny in primates. Amer. J. phys. Anthropol., 1966, 24, 181-190.
- 501.77 Hershkovitz, P. Comments on the proposal for conservation of Pan Oken, 1816, and Panthera Oken, 1816. Bull. zool. Nomencl., 1966, 23, 67-70.
- 501.78 Noback, C. R. & Shriver, J. E. Phylogenetic and ontogenetic aspects of the lemniscal systems and the pyramidal system. Pp. 316-325 in Evolution of the forebrain. Phylogenesis and ontogenesis of the forebrain, R. Hassler & H. Stephan, ed. Stuttgart, Georg Thieme Verlag, 1966.
- 501.79 Stephan, H. Grossenänderungen im olfaktorischen und limbischen System während der phylogenetischen Entwicklung der Primaten. (Major Alterations in the Olfactory and Limbic System During the Phylogenetic Development of Primates) Evolution of the Forebrain. Phylogenesis and Ontogenesis of the Forebrain, R. Hassler & H. Stephan, eds. Stuttgart, Georg Thieme Verlag, 1966, 377-388.
- 501.80 Lewis, O. J. The phylogeny of the cruropedal extensor musculature, with special reference to the primates. J. Anat. (Lond.), 1966, 100, 865-880. Abstract: Biol. Abstr., 1966, 47, #115229.
- 501.81 Andy, O.J., & Stephan, H. Septal nuclei in primate phylogeny. A quantitative investigation. Journal of Comparative Neurology, 1966, 126, 157-170.
- 501.82 Raszeja, S. Limits of specificity in estimating the species origin of blood. J. Forens. Med., 1966, 13, 138-140.
- 501.83 Crook, J.H., & Gartlan, J.S. Evolution of primate societies. Nature (Lond.), 1966, 210, 1200-1203.
- 501.84 Hill, W.C.O. Primates. Comparative anatomy and taxonomy. VI. Catarrhini Cercopithecoidea Cercopithecinae. A monography. New York: Interscience Publishers, 1966, xxiii, 783 pp.
- 501.85 Schultz, A.H. Changing views on the nature and interrelations of the higher primates. Yerkes Regional Primate Research Newsletter, 1966, 3, 15-29.

- 501.86 Tuttle, R. H. Knuckle-walking and the evolution of hominoid hands. Amer. J. Phys. Anthropol., 1967 n.s. 26, 171-206.
- 501.87 Geschwind, I. I. Molecular variation and possible lines of evolution of peptide and protein hormones. Amer. Zoologist, 1967, 7, 89-108.
- 501.88 Knusmann, R. Die Aussagen des Armskeletts zur Frage eines brachiatorischen Stadiums in der Stammesgeschichte des Menschen. (The statement on the question of the skeleton of the arms and its shortening (stages) in the phylogeny of man.) Dtsch. Ges. Anthr., 1967, 9, 133-139.
- 501.89 Reynolds, V. On the identity of the ape described by Tulp 1641. Folia Primat., 1967, 5, 80-87.
- 501.90 Chiarelli, B. Caryological and hybridological data available for a taxonomic revision of the Old World primates at a supergenetic level. Pp. 160-163 in Neue Ergebnisse der Primatologie, D. Starck, R. Schneider & H.-J. Kuhn, eds. Stuttgart, Gustav Fischer Verlag, 1967.
- 501.91 von Koenigswald, G. H. R. Die Fossilgeschichte der rezenten Anthroipoden. (The Fossil History of Recent Anthropoids) Neue Ergebnisse der Primatologie, (New Results of Primatology), D. Starck, R. Schneider & H.-J. Kuhn, eds. Stuttgart, Gustav Fischer Verlag, 1967, 19-24.
- 501.92 Sarich, V.M. & Wilson, A. C. Rates of albumin evolution in primates. Proc. Nat. Acad. Sci. (Wash.), 1967, 58, 142-148.
- 501.93 Howell, F. C. Recent advances in human evolutionary studies. Quart. Rev. Biol., 1967, 42, 471-513.
- 501.94 Sarich, V. M. & Wilson, A. C. Immunological time scale for hominid evolution. Science, 1967, 158, 1200-1203.
- 501.95 Simons, E. L. The earliest apes. Sci. Amer., 1967, 217(6), 28-35.
- 501.96 Gadea, E. El interés biológico del gorila. (The Biological Importance of the Gorilla.) Zoo (Barcelona), 1967, 7, 7-10.
- 501.97 Hill, W. C. O. The taxonomy of the genus Pan. Pp. 47-54 in Neue Ergebnisse der Primatologie, D. Starck, R. Schneider & H.-J. Kuhn, eds. Stuttgart, Gustav Fischer Verlag, 1967.
- 501.98 Goodman, M., Farris, W., Jr. & Poulik, E. Immunodiffusion and electrophoretic investigation of the systematics and evolutionary genetics of Old World Monkeys with particular reference to baboons. Pp. 783-795 in The Baboon in Medical Research, vol. 2, H. Vagtborg, ed. Austin, University of Texas Press, 1967.

- 501.99 Moore, G. W. & Goodman, M. A set theory approach to immuno-taxonomy: Analysis of species comparisons in modified Ouchterlony plates. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-68-2, Holloman AFB, New Mexico, 1968, iii, 20 pp.
- 501.100 Montagna, W. & Uno, H. The phylogeny of baldness, Pp. 9-24 in Biopathology of Pattern Alopecia. Proceedings of the International Symposium, A. Baccaredda-Boy, G. Moretti, & J. R. Frey, (Eds.) New York: S. Karger, 1968.
- 501.101 Dandelot, P. Primates: Anthropoidea. Chapter 24 in Preliminary Identification Manual for African Mammals. J. Meester, (Ed.) Washington, D. C., Smithsonian Institution, 1968.
- 501.102 Goodman, M. Evolution of the catarrhine primates at the macro-molecular level. Primates in Med., 1968, 1, 10-26.
- 501.103 Schmitt, J. Immunbiologische Aspekte der Primatenvolution. (Immuno-biological aspects of primate evolution) Acta Zool. Path. (Antwerp) 1969, 48, 293-318.
- 501.104 Goodman, M., Moore, G. W., Farris, W., & Poulik, E. Evolutionary systematics of the chimpanzee: Immunodiffusion computer approach. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-69-10, Holloman AFB, New Mexico, 1969, iii, 49 pp.
- 501.105 Benirschke, K. Discussion Paper: Cytogenetic contributions to primatology. Ann. N. Y. Acad. Sci., 1969, 162, 217-224.
- 501.106 Stephan, H. & Andy, O. J. Quantitative comparative neuroanatomy of primates: An attempt at a phylogenetic interpretation. Ann. N. Y. Acad. Sci., 1969, 167, 370-387.
- 501.107 Bigalke, R. C. Evolution of mammals on southern continents. III. The contemporary mammal fauna of Africa. Quart. Rev. Biol., 1968, 43, 265-300. Abstract: Biol. Abstr., 1969, 50, #33880.
- 501.108 Goodman, M., Syner, F. N., Stimson, C. W., & Rankin, J. J. Phylogenetic changes in the proportions of two kinds of lactate dehydrogenase in primate brain regions. Brain. Res., 1969, 14, 447-459.
- 501.109 Hill, W. C. O. The nomenclature, taxonomy and distribution of chimpanzees. In G. H. Bourne (Ed.) The chimpanzee, vol. 1. Baltimore: University Park Press, 1969, Pp. 22-49.
- 501.110 Bert, J., Rhodes, J. M. & Dalton, L. W. Habituation de la pointe-vertex et évolution des primates. (Habituation of the vertex-point and the evolution of primates.) J. Physiol. (Paris), 1969, 61, 85-98.

501.111 Bauchot, R. & Stephan, H. Encephalisation et niveau evolutif chez les simiens. (Encephalization and Evolutionary Level Among Simians.) Mammalia, 1969, 33, 225-275.

501.112 Wilson, A. C. & Sarich, V. M. A molecular time scale for human evolution. Proc. nat. Acad. Sci. (Wash.), 1969, 63, 1088-1093.

501.113 Kortlandt, A. and van Zon, J. C. J. The present state of research on the dehumanization hypothesis of Africal ape evolution. Pp. 10-13 in Proceedings of the second international Congress of Primatology, vol. 3, H. O. Hofer, Ed. Basel, S. Karger, 1969.

501.114 Piveteau, J. Quelques aspects de l'evolution des primates non-humains. (Some aspects of evolution in non-human primates.) Symp. Biol. Hung., 1969, 9, 11-21.

501.115 Fenart, R. L'hominisation du crane. (The humanization of the skull.) Bull. Acad. dent., 1970, 14, 34-43.

501.116 Goodman, M, Moore, G. W., Farris, W., & Poulik, Emily. SEROLOGY: The evidence from genetically informative macro-molecules on the phylogenetic relationships of the chimpanzees. In The chimpanzee. vol. 2. Physiology, behavior, serology, and diseases of chimpanzees. G. H. Bourne (Ed.) Basel: Karger, 1970 and Baltimore: University Park Press, 1970.

501.117 Bleakney, J. S. A possible evolutionary basis for aesthetic appreciation in men and apes. Evolution, 1970, 24, 477-479.

501.118 Cleve, H. The group-specific component (Gc) in chimpanzees. Hum Hered., 1970, 20, 438-446.

501.119 Marzke, M. W. Origin of the human hand. Amer. J. phys. Anthropol., 1971, n.s. 34, 61-84.

501.120 Jones, C. & Sabater Pi, J. Comparative ecology of Gorilla gorilla (Savage and Wyman) and Pan troglodytes (Blumenbach) in Rio Muni, West Africa. Bibl. Primat. (Basel), 1971, 13, 1-96.

501.121 Reynolds, V. & Luscombe, G. On the existence of currently described subspecies in the chimpanzee (Pan troglodytes). Folia primat., 1971, 14, 129-138.

501.122 Moor-Jankowski, J. & Wiener, A. S. Blood groups of primates: Their contribution to taxonomy and phylogenetics. Pp. 232-244 in Medical primatology 1970, E. I. Goldsmith & J. Moor-Jankowski, Eds. Basel, S. Karger, 1971.

501.123 Goodman, M., Barnabas, J., Matsuda, G. & Moore, G. W. Molecular evolution in the descent of man. Nature (Lond.), 1971, 233, 604-613.

502.00 Institutions for Research and Exhibition

- 502.1 Stedman, T. L. An institute for the psychological study of anthropoid apes. Med. Rec., 1912, 82, 943.
- 502.2 Rothmann, M. Ueber die Errichtung einer Station zur psychologischen und hirnphysiologischen Erforschung der Menschenaffen. (The establishment of a laboratory for psychological and brain-physiological research on the anthropoid apes.) Berl. Klin. Wisschr., 1912, 49, 1981-1985.
- 502.3 Hulier, J. B. An institute for the psychological study of anthropoid apes. Med. Rec., 1912, 82, 943.
- 502.4 Rothmann, M., & Teuber, E. Aus der Anthropoidenstation auf Teneriffa. I. Ziele und Aufgaben der Station sowie erste Beobachtungen an den auf ihr gehaltenen Schimpansen. (From the anthropoid laboratory of Tenerife. I. Objectives and tasks of the laboratory as well as first observations on the chimpanzees in captivity there.) Abh. preuss. Akad. Wiss., 1915, 2, 1-20.
- 502.5 Yerkes, R. M. Provision for the study of monkeys and apes. Science, 1916, 43, 231-234.
- 502.6 Kohts, N. Report of the zoopsychological laboratory of the Darwinian Museum. Moscow: 1921.
- 502.7 Calmette, A. Sur l'utilisation des singes en medicine experimentale. (Le Laboratoire Pasteur de Kindia-Guinee Francaise). (On the utilization of apes in experimental medicine. "The Pasteur Laboratory of Kindia-French Guinea.") Bull. Soc. Path. exot., Paris, 1924, 17, 10-19.
- 502.8 Krogman, W.H. & Schultz, A. H. Anthropoid ape materials in American collections. Amer. J. phys. Anthrop., 1938, 24, 199-234.
- 502.9 Yerkes, R. M. A program f anthropoid research. Amer. J. Psychol., 1927, 39, 181-199.
- 502.10 Knottnerus-Meyer, T. C. B. Birds and beasts of the Roman zoo. New York: The Century Co., 1928, 378 pp.
- 502.11 Yerkes, R. M. Yale laboratories of comparative psychobiology. Comp. Psychol. Monogr., 1932, 8, 33 pp.
- 502.12 Stern, W. Die neuen Yale-Einrichtungen fuer Anthropoidenforschung. (The new Yale facilities for anthropoid research.) Z. angew. Psychol., 1932, 43, 516.
- 502.13 Aulmann, G. Das neue Affenhaus im Duesseldorfer Zoo. (The new apehouse in the Dusseldorf Zoo.) Zool. Gart., Leipzig, 1933, 6, 48-56.

- 502.14 Yerkes, R. M. Yale laboratories of primate biology, Inc. Science, 1935, 82, 618-620.
- 502.15 Yerkes, R. M. Chimpanzees: A laboratory colony. New Haven: Yale University Press, 1943, 321 pp.
- 502.16 Yerkes, R. M. The Yale laboratories of primate biology. Sci. Amer. Mon., 1943, 56, 287-290.
- 502.17 Nissen, H. W. The ape colony in Florida. In: Animal Kingdom, N. Y. Zool. Soc., 1944, 47, 137-142.
- 502.18 Dumas, J. Les animaux de laboratoire. (Laboratory animals.) Paris: Editions Medicale Flammarion, 1953, 719 pp.
- 502.19 May, G. W. The Yerkes Laboratories. Scient. American, 1955, 192, 67-77.
- 502.20 Animal Welfare Institute. Short-term chimpanzee quarters. In: Comfortable Quarters for Laboratory Animals. 1959, 34-35.
- 502.21 Weaver, K. F. School for space monkeys; Holloman Aeromedical Laboratory, New Mexico. Nat. Geog. Mag., 1961, 724-734.
- 502.22 Anon. Twycross Zoo. Official guide. Leicestershire, England, privately printed, 51 pp.
- 502.23 van Bruggen, A. C. The Zoological Gardens of Louenco Marques, Portuguese East Africa. Zool. Gart., Lpz., 1963, 27, 297-300.
- 502.24 Grafton, T. S. Vivarium and research laboratories for 100 chimpanzees. Lab. Anim. Care, 1964, 14, 332.
- 502.25 Lapin, B. A., & Linin, E. P. Monkey colony at Sukhumi. Moscow: Publishing House--Meditrina, 1964.
- 502.26 Faust, R. Nachrichten aus zoologischen Garten. Frankfurt am Main. Jahresbericht 1957. (Annual report from the Zoological Garden, Frankfurt am Main, 1957.) Zool. Gart., Lpz., 1964, 29, 27-41.
- 502.27 Anon. International Union for Conservation of Nature and Natural Resources. Rare mammals. Int. Zoo Yearb., 1965, 5, 325-328.
- 502.28 Eyestone, W. H. Scientific and administrative concepts behind the establishment of primate centers. Journal of the American Veterinary Medical Association, 1965, 147, 1482-1487.
- 502.29 Ratcliffe, H. L. Rep. Penrose Res. Lab., 1966, 22 pp.
- 502.30 Anon. New quarters dedicated. Yerkes Regional Primate Research Newsletter, 1966, 3, 1-2.

502.31 Napier, J. Twycross, the zoc that grew out of a hobby. Anim.
Int. Wildlife Mag., 1967, 10, 185-187.

502.32 Nouvel, J., Rinjard, J., Ciaraglini, P. & Pasquier, M. A.
Effectif, mortalité et natalité enregistres au Parc Zoologique de
Paris pendant l'année 1966. (Strength, Mortality and Births Recorded
at the Zoological Park of Paris in 1966.) Bull. Mus. Hist. nat. (Paris),
1967, 39, 615-631.

502.33 Nouvel, J., Chauvier, G. & Strazielle, L. Rapport sur la
mortalité enregistrées à la Ménagerie du Jardin des Plantes pendant
l'année 1965. (Report on the unregistered death in the Ménagerie
du Jardin des Plantes since the year 1965.) Bull. Mus. Hist. nat.
(Paris), 1967, (2)39, 103-116.

502.34 Nouvel, J., Chauvier, G. & Strazielle, L. Rapport sur la
mortalité et la natalité enregistrées à la ménagerie du Jardin des
Plantes pendant l'année 1966. (Report on the Mortality and Births
Recorded in the Menagerie of the Jardin des Plantes in 1966.) Bull.
Mus. Hist. nat. (Paris), 1967, 39, 632-646.

502.35 Roth, J. P. Great ape house at Albuquerque Zoo. Int. Zoo.
Yearb., 1967, 7, 50-54.

502.36 Thacker, R. Wiseman Hall research laboratories. J. Inst.
Anim. Tech., 1967, 18, 149-162.

502.37 Jonch, A. Centro de Adaptaction y Experimentacion Zoologica
de Ikunde. Reservas naturales en Rio Muni. (Center for Adaptation
and Zoological experimentation of Ikunde. Native reserve in Rio Muni.)
Mensaje Bol. inform Fed iberoamer. Parques zool., 1967, (4), 7-13.

502.38 McRitchie, R. G. Chimpanzee in bio-medical research at the
6571st Aeromedical Research Laboratory U. S. Air Forec. Pp. 363-372
in Neue Ergebnisse der Primatologie, D. Starck, R. Schneider & H.-J.
Kuhn, (Eds.), Stuttgart, Gustav Fischer Verlag, 1967.

502.39 Bone, E. L. & Haumont, S. Primatological research in Central
Africa. Pp. 5-7 in Neue Ergebnisse der Primatologie, D. Starck, R.
Schneider & H.-J. Kuhn, (Eds.), Stuttgart, Gustav Fischer Verlag,
1967.

502.40 Rabb, G. B., (Ed.) Official guide book. Chicago Zoological
Park, Brookfield, Illinois. Chicago, Chicago Zoological Society,
1967, 104 pp.

502.41 Riopelle, A. J. Just what is a regional primate center?
Resident Physn., 1967, (March), 74-84.

502.42 Jacobi, E. F. & Smits, G. M. Report on veterinary matters,
births and deaths at the Amsterdam Zool 1959-1966. Bi'dr. Dierk.,
1968, 37, 3-10.

- 502.43 Walker, A. A note on an experimental nocturnal house in Uganda using diffused daylight. Int. Zoo Yearb., 1968, 8, 96.
- 502.44 Davis, J. H., McPherson, B. R. & Moor-Jankowski, J. Laboratory for experimental medicine and surgery: Design and operation. Lab. Primate Newslett., 1968, 7(2), 5-12.
- 502.45 Keymer, I. F. Pathology Department. Pp. 4-12 in Scientific Report 1966-7. London, Zoological Society of London, [1968].
- 502.46 Anon. Around the children's zoo. Zoonooz, 1968, 41, 10-13.
- 402.47 Boiron, M. Discussion paper: Remarks about the French National Primate Center. Ann. N. Y. Acad. Sci., 1969, 162, 390.
- 502.48 Hediger, H. Man and animal in the zoo. New York, Delacorte Press, 1969, 303 pp, 84 pls.
- 502.49 Boné, E. L. & Houmont, S. The International Primatological Center in West Central Africa. Pp. 211-216 in Proceedings of the second international congress of primatology, vol. 2, H. O. Hofer, (Ed.) Basel, S. Karger, 1969.
- 502.50 Nouvel, J., Rijnhard, J., Pasquier, M.-A. & Perrin, F. Rapport sur la mortalité et la natalité enregistrées au Parc Zoologique de Paris pendant l'année 1969. (Report on the mortality and registered births from the Paris Zoological Park during the year 1969.) Bull. Mus. nat. Hist. nat. (Paris), 1970, 42, 817-829.
- 502.51 Windecker, W. Jahresbericht des Zoologischen Gartens Köln 1969. (Annual report of the Zoological Gardens of Cologne.) Freunde des Kölner Zoo, 1970, 13(1), 27-38.
- 502.52 Moor-Jankowski, J., Muchmore, E. & Davis, J. Maintenance of a mortality-free colony of primate animals for immunological, surgical, and other medical experimentation. Pp. 183-194 in Infections and immunosuppression in subhuman primates, H. Balner & W. I. B. Beveridge (Eds) Baltimore, Williams & Wilkins, 1970.
- 502.53 Keeling, M. E. & Guilloud, N. B. Care and management of a great ape colony. Pp. 798-805 in Medical primatology 1970 E. I. Goldsmith & J. Moor-Jankowski, (Eds.) Basel, S. Karger, 1971.
- 502.54 Moor-Jankowski, J. & Goldsmith, E. I. The laboratory for experimental medicine and surgery in primates: Background and policy. Pp. 939-946 in Medical primatology 1970, E. I. Goldsmith & J. Moor-Jankowski, (Eds.) Basel, S. Karger, 1971.
- 502.55 Hime, J. M. Animal hospital. Pp. 1-9 in Scientific report 1967-1969. London, Zoological Society of London, 1970.
- 502.56 Gakea, E. El zoo y las investigacion animal. (The zoo and the research animal.) Zoo (Barcelona), 1971, 10(March), 25-28.

503.00 Chimpanzee Culture and Methodology

- 503.1 Bachrach, A. Diatetics of apes and monkeys in captivity. Vet. Ext. Quart., Univ. Pa., 1931, 43, 5-12.
- 503.2 Zuckerman, S., & Fulton, J. F. The nomenclature of primates commonly used in laboratory work. Privately printed: Yale University, School of Medicine, New Haven, 1934.
- 503.3 Yerkes, R. M. The significance of chimpanzee culture for biological research. Harvey Lectures, 1936, 31, 57-73.
- 503.4 Kennard, M. A., Ruch, T. C., & Fulton, J. F. Housing care, and surgical handling of laboratory primates (monkeys and chimpanzees.) Yale J. Biol. Med., 1946, 18, 443-471.
- 503.5 Nissen, H. W. Care and breeding of captive chimpanzees. Minutes of the Sectional Meeting of the American Association of Zoological Parks and Aquariums, 1951, Miami, Florida.
- 503.6 Nissen, H. W. Care and handling of laboratory chimpanzees. Carworth Farms Quarterly Letter, 1952, Nos. 25, 26, 27.
- 503.7 McGrath, J. Results obtained with aerosols in monkey house of the Royal Zoological Society of Ireland, Dublin. Irish J. Med. Sci., 1953, 6, 343-344.
- 503.8 Benson, R. E., Fremming, B. D., & Young, R. J. Care and management of chimpanzees at the Radiobiological laboratory of the Univ. of Texas and the U. S. Air Force. Proc. Anim. Care Panel, 1954, 5, 27-36.
- 503.9 Gay, W. J. Husbandry practices for the quarantining and conditioning of sub-human primates. Proc. Anim. Care Panel, 1957, 7, 83-88.
- 503.10 Castle, M. P. K. The transport of living laboratory animals. J. Anim. Tech. Ass., 1959, 10, 135-143.
- 503.11 Poiley, S. M., & Jay, G. E., Jr. Feeding large and varied animal populations at the National Institutes of Health. Proc. Anim. Care Panel, 1960, 10, 201-212.
- 503.12 Davenport, R. K., Jr. Care of the infant chimpanzee. The Southwestern Veterinarian, 1960, 11, 18-22.
- 503.13 Cook, J. E., Fineg, J., Miksch, E. D., & Britz, W. E. The chimpanzee; procurement, standardization and use in biomedical research. J. Amer. vet. Med. Assoc., 1961, 138, 366-369.
- 503.14 Pegram, V., & Bogo, V. Guidelines for laboratory technicians working with the chimpanzee. Aeromedical Research Laboratory Special Report, Holloman Air Force Base, New Mexico, 1963.

503.15 Wilson, W. A. The effects of colony disease upon behavioral studies in primates. Lab. Anim. Care, 1963, 13, 485-489.

503.16 Stare, F. J., Andrus, S. B., & Portman, O. W. Primates in medical research with special reference to New World monkeys. In Pickering, D. E., (Ed.), Proceedings of a conference on research with primates, Beaverton, Oregon: Tektronix Foundation, 1963.

503.17 Brown, R. J. A method for maintaining chimpanzee medical records. Aeromedical Research Laboratory Technical Documentary Report No. 64-65, Holloman Air Force Base, New Mexico, 1964.

503.18 Van Stee, E. W. Some observations on the clinical management of the chimpanzee. Technical Documentary Report No. SAM 64-45, Brooks Air Force Base, Texas, 1964.

503.19 Nee, Paul O., & Derse, Philip H. Survey of existing methods of feeding and housing the chimpanzee. Aeromedical Research Laboratory Technical Report Number ARL-TR-65-11, Holloman Air Force Base, New Mexico, 1965.

503.20 Kortlandt, A. On the essential morphological basis for human culture. Current Anthropology, 1965, 6, 320-326.

503.21 Anon. Moving the primates was a complicated maneuver, but more fun than.... Emory Mag., 1965, 41, 14-20.

503.22 Reynolds, V., & Reynolds, F. The natural environment and behavior of chimpanzees Pan troglodytes schweinfurthi and suggestions for their care in zoos. Int. Zoo Yearb., 1965, 5, 141-144.

503.23 Washburn, S. L., & Hamburg, D. A. The implications of primate research. In DeVore, I., (Ed.), Primate behavior: Field studies of monkeys and apes, New York: Holt, Rinehart and Winston, 1965.

503.24 Meehan, J. P. & Rader, R. D. Multiple channel physiological data acquisition system for restrained and mobile subjects. University of Southern California Bulletin, Los Angeles School of Medicine, 1965.

503.25 Ferney, J. & Dumont, J. Avulsion de convenance des quatre canines chez un chimpanze (Pan troglodytes L.). (Convenience extraction of the four canine teeth of the chimpanzee--Pan troglodytes L.) Ann. Odonto-somat., 1966, 23, 25-29.

503.26 Animal Welfare Institute. Comfortable quarters for laboratory animals, rev. ed. New York, privately printed, 1966, iv, 103 pp.

503.27 Kortlandt, A. Chimpanzee ecology and laboratory management Lab. Primate Newslett., 1966, 5, 1-11.

503.28 Lang, E. M. The care and breeding of anthropoids. Symp. zool. Soc. Lond., 1966, 17, 113-125.

503.29 van Hooff, J. A. R. A. M. The care and management of captive chimpanzees with special emphasis on the ecological aspects. 6571st Aero-med. Res. Lab. Tech. Rep. No. ARL-TR-67-15, Holloman Air Force Base, New Mexico, 1967, vi, 57 pp.

503.30 Roszkowski, A. P. Comparative toxicity of rodenticides. Fed. Proc., 1927, 26, 1082-1088.

503.31 Gay, W., & Blood, B. D. Zoonoses problems and their control in laboratory animal colonies. Pp. 327-342 in Husbandry of laboratory animals, M. L. Conalty, (Ed.) New York, Academic Press, Inc., 1967.

503.32 Arce, A. & Dobie, R. Small chimpanzee colony management, J. Inst. Anim. Tech., 1967, 18, 139-143.

503.33 Van Riper, D. C., Fineg, J., & Day, P. W. Development of a primate source. Lab. Anim. Care, 1967, 17, 472-478.

503.34 Moor-Jankowski, J. Chimpanzee ecology and laboratory management. Comments on the paper by A. Kortlandt. Lab. Primate Newslett., 1967, 6 (1), 4-7.

503.35 Bourne, G. H. Chimpanzee ecology and laboratory management. Comments on the paper by A. Kortlandt. Lab. Primate Newslett., 1967, 6(1), 8-10.

503.36 Kortlandt, A. Chimpanzee ecology and laboratory management; Reply to comments by G. H. Bourne and by J. Moor-Jankowski. Lab. Primate Newslett., 1967, 6(4), 1-13.

503.37 Fineg, J., Prine, J. R., Van Riper, D. C., & Day, P. W. A new concept in chimpanzee management for research. Pp. 345-356 in Neue Ergebnisse der Primatologie, D. Starck, R. Schneider, & J. -J. Kuhn, (Eds.) Stuttgart: Gustav Fischer Verlag, 1967.

503.38 Hughes, J. H. Biological problems concerning the importation of animals. Pp. 99-113 in The baboon in medical research, vol. 2, H. Vagtborg, (Ed.) Austin: University of Texas Press, 1967.

503.39 Universities Federation for Animal Welfare, (Ed.) The UFAW handbook on the care and management of laboratory animals, 3rd ed. Baltimore: Williams and Wilkins Company, 1967, xvi, 1015 pp, 2 pl.

503.40 Riopelle, A. J. The chimpanzee (Pan troglodytes). Chapter 42 in The UFAW handbook on the care and management of laboratory animals, 3rd ed., Universities Federation for Animal Welfare, (Ed.) Baltimore: Williams and Wilkins Company, 1967.

- 503.41 Anon. Estimate of number of primates acquired for research in 1966. Lab. Primate Newslett., 1968, 7(1), 4-5.
- 503.42 Institute of Laboratory Animal Resources. Nonhuman primates. Standards and guidelines for breeding, care, and management of laboratory animals. Publication 1677. Washington, D. C., National Academy of Sciences, 1968, 52 pp.
- 503.43 Wilson, W. L. & Wilson, C. C. Colony management and proposed alterations in light of existing conditions at the chimpanzee consortium. 6571st Aeromed. Res. Lab. Tech. Rep. No. ARL-TR-69-8, Holloman Air Force Base, New Mexico, 1969, iv, 23 pp.
- 503.44 Guilloud, N. B. The breeding of apes: Experience at the Yerkes Regional Primate Research Center and a brief review of the literature. Ann. N.Y. Acad. Sci., 1969, 162, 297-300.
- 503.45 Derwelis, S. K., Douglas, J. D., Fineg, J. & Butler, T. M. Supply, maintenance and handling of chimpanzees. Ann. N.Y. Acad. Sci., 1969, 162, 311-323.
- 503.46 Davis, J. H., McPherson, B. R. & Moor-Jankowski, J. Maintenance and handling of primate animals for medical research. Ann. N.Y. Acad. Sci., 1969, 162, 329-335.
- 503.47 Melby, E. C., Jr. & Baker, H. J. A multipurpose primate resource in a medical center. Ann. N.Y. Acad. Sci., 1969, 162, 373-377.
- 503.48 Farrer, D. N. Methodology for the use of primates in the exploration of hazardous environments. Ann. N.Y. Acad. Sci., 1969, 162, 635-645.
- 503.49 Institute of Laboratory Animal Resources. Summary of questionnaire to determine number of animals used for research in 1968. ILAR News, 1969, 13(1), i-ix.
- 503.50 Institute of Laboratory Animal Resources. Animals used in gerontological research in 1968. ILAR News, 1969, 13(1), x-xi.
- 503.51 Roth, W. T. Supplying wild primates to the laboratory. Primates in Med., 1969, 2, 1-16.
- 503.52 Schmidt, L. H. Selection of species for various uses. Primates in Med., 1969, 2, 28-36.
- 503.53 Cass, J. S. Use of rare and threatened species of nonhuman primates as subjects in biomedical research. Fed. Proc., 1970, 29, 1590.
- 503.54 Goodwin, W. J. Current use of nonhuman primates in biomedical research. Lab. Anim. Care, 1970, 20, 329-332.
- 503.55 Hunt, R. D. Nonhuman primates of different species should not be housed together. Lab. Anim. Care, 1970, 20, 1007-1008.

503.56 Li, Y.-T. & Li, S.-C. The application of electrofocusing to the fractionation of proteins. Protides biol. Fluids, 1970, 17, 455-463.

503.57 Keymer, I. F. Pathology department. Pp. 10-31 in Scientific reports 1967-1969. London, Zoological Society of London, 1970.

503.58 Fridman, E. P. (Scientific investigations of primates.) Vop. Antrop., 1970, 35, 170-177.

503.59 Harrisson, B. Conservation of nonhuman primates in 1970. Primates in Med., 1971, 5, 1-99.

504.00 General Works

- 504.1 Scotin. *Animalis rarioris chimpanzee dicti, ex reque Angola Londinum advecti, brevior descriptio.* (Short description of a rare animal called chimpanzee that was brought from Angola to London.) *Nova acta eruditorum*, 1739, Lipsiae, 8, 564-565.
- 504.2 Buffon, G. L. *Histoire naturelle des singes.* In: *Histoire naturelle, generale et particuliere.* (Natural history of Apes, in: Natural history, general and specific.) Nouvelle Edition, 1799-1808 vols. 35-36.
- 504.3 Blainville, H. M. D. *Ueber einen unlaengst in Paris angekommen Schimpansen (Simia troglodytes).* (A chimpanzee recently arrived in Paris.) *Neue Notizen Geb. Nat. Hkd. Weimar*, 1837, 4, 97-100.
- 504.4 Owen, R. *On a new species of chimpanzee.* (T. Savagei). *Proc. zool. Soc. Lond.*, 1848, 27-35.
- 504.5 Ford, H. A. *On the characteristics of the Troglodytes Gorilla.* *Proc. Ac. Nat. Sci.*, 1852, 6, 30-33.
- 504.6 DuChaillu, P. B. *Characters of Troglodytes calvus.* *Proc. Boston Soc. Nat. Hist.*, 1861, 7, 296-299.
- 504.7 DuChaillu, P. B. *Characters of Troglodytes Kooloo Kamba.* *Proc. Boston Soc. Nat. Hist.*, 1861, 7, 358-360.
- 504.8 Wolf, J. *Zoological sketches made for the Zoological Society of London, from animals in their vivarium in the Regent Park.* Edited, with notes by P. L. Sclater, London: Henry Graves and Co., 1861-67.
- 504.9 Allman, G. J. *An account of the anthropoid apes, chiefly with reference to specimens recently acquired by the Edinburgh Museum of Science and Art.* *Proc. roy. Soc. Edinb.*, 1868-69, 6, 501-504.
- 504.10 Lenz, H. W. C. *Die anthropomorphen Affen des Luebecker Museums.* (The anthropoid apes of the Lubeck Museum.) Lubeck: 1876, 20 pp.
- 504.11 Schlegel, H. *Monographie des singes.* (Monograph of apes.) *Leide*, 1876, 356.
- 504.12 Hartmann, R. *Beitraege zur Kenntniss der sogenannten anthropomorphen Affen. IV.* (Contributions to knowledge of the so-called anthropoid apes. IV.) *Z. Ethn.*, Berlin, 1876, 8, 130-133.
- 504.13 Hartmann, R. *Beitraege zur Kenntniss der sogenannten anthropomorphen Affen. V.* (Contributions to knowledge of the so-called anthropoid apes. V.) *Z. Ethn.*, Berlin, 1877, 9, 117-128.

- 504.14 Bolau, H. Der Chimpanse des Zoologischen Gartesn in Dresden. (The chimpanzee of the Dresden Zoological Garden. Verh. naturw. Ver. Hamburg., 1877, 1, 26-30.
- 504.15 Hornaday, W. T. "Chico", the chimpanzee: a reminiscence. St. Nicholas Mag., 1879, 30, 1092-1094.
- 504.16 Zaborowski, S. Histoire de la connaissance relativement aux grands singes dans l'antiquite et au moyen age. (History of the knowledge about great apes in ancient times and the Middle Ages.) Rev. Int. Sci. Biol., 1880, 6, 539-552.
- 504.17 Bartlett, A., & Graham, D. On a female chimpanzee now living in the Society's Gardens. Proc. zool. Soc. Lond., 1885, 673-675.
- 504.18 Hartmann, R. Anthropoid apes. New York: Appleton & Co., 1886.
- 504.19 Miller, O. T. Mr. Crowley, the chimpanzee. Cosmopolitan Mag., 1887, 4, 297-304.
- 504.20 Sclater, P. L. The bald-headed chimpanzee. Nature, 1889, 39, 254-255.
- 504.21 Forbes, H. P. A hand-book of the primates. London: W. H. Allen, 1894, 2 Vols.
- 504.22 Lydekker, R. The man-like apes. Knowledge, 1894, 17, 151-156.
- 504.23 Bloch, A. Presentation de portraits de deux chimpanzes, d'un jeune orang-outang et d'une jeune gorille. (Presentation of portraits of two chimpanzees, of a young orangutang and of a young female gorilla.) Bull. Soc. Anthrop., 1900, Paris, 10, 148-155.
- 504.24 Terrier, E. Le chimpanze "Consul". (The chimpanzee, "Consul.") Gaz. Med., France, 1903, 3, 413-414.
- 504.25 Rothschild, W. Notes on anthropoid apes. Proc. zool. Soc. London, 1904, 2, 418-434.
- 504.26 Scherren, H. Exhibition of lantern slides of, and remarks upon, old pictures of anthropoid apes. Proc. zool. Soc. Lond., 1905, 298-302.
- 504.27 Mitchell, C. P. Anthropoid apes. Nat. Proc. Roy. Inst. London, 1906, 17, 533-535.
- 504.28 Carus, P. Anthropoid apes, man's nearest kin in the animal world. Open Court, 1906, 20, 6-25.
- 504.29 Rothschild, W. Further notes on anthropoid apes. Proc. zool. Soc. Lond., 1906, 65-468.

- 504.30 Haggerty, M. E. Preliminary studies on anthropoid apes. Psychol. Bull., 1910, 7, 49.
- 504.31 Jenks, A. E. Bulu knowledge of the gorilla and chimpanzee. Amer. Anthropol., 1911, 13, 56-64.
- 504.32 Montane, L. Un chimpanze Cubano. (A Cuban chimpanzee.) El Siglo, Havana, 1915, 20, 7-17.
- 504.33 Garner, R. L. Apes and man. Independent, 1919, 99, 400-401.
- 504.34 Houore, F. Les "Singeries" de l'Institut Pasteur a Kindia et a Paris. (The ape colonies of the Pasteur Institute at Kindea and in Paris.) L'Illustration, Paris, 1927, 407-409.
- 504.35 Fox, H. Report of the laboratory and Museum of Comparative Pathology of the Zoological Society of Philadelphia. Publ. Zool. Soc., 1929, 65 pp.
- 504.36 Montandon, G. Un Singe Actuel en Amerique. (An ape of present interest in America.) Rev. Scien., 1929.
- 504.37 Schwarz, E. The occurrence of the chimpanzee south of the Congo River. Rev. Zool. Bot. Africaines, 1929, 16, 425-426.
- 504.38 Freudenberg, W. Ein Schimpansenbild aus dem Mittelalter. (A picture of a chimpanzee from the middle ages.) Z. Saugetierk., 1929, 4, 64.
- 504.39 Schneider, K. M. Ein weiterer junger brauner Schimpanse. (Another young brown chimpanzee.) Zool. Gart. Lpz., 1929, 1, 182-195.
- 504.40 Ghesquiere, et al. Comptes-rendus des seances du circle zoologique congolais. (Report of the Congolese Zoological meeting.) Rev. zool. & Bot. Africaines, 1930, 17, 29-38.
- 504.41 Petit, G. Le chimpanze de la rive gauche du Congo. (The chimpanzees of the left river bank of the Congo.) La Terre et Lavie, 1931, 10, 629-631.
- 504.42 Schouteden, H. Quelques notes sur le chimpanze de la rive gauche du Congo, Pan satyrus paniscus. (Some notes on the chimpanzee from the left river bank of the Congo, Pan satyrus paniscus.) Rev. Zool. Bot. Africaines, 1931, 20, 310-314.
- 504.43 Coolidge, H. J., Jr. Pan paniscus-pigmy chimpanzee from south of the Congo River. Amer. J. phys. Anthropol., 1933, 18, 159.
- 504.44 Schwarz, E. On the local races of the chimpanzee. Ann. nat. Hist., 1934, 13, 576-583.

- 504.45 Gregory, W. K. In quest of gorillas. I. On our way to gorilla-land. Sci. Mon., N. Y., 1935, 42, 385-395.
- 504.46 Boulenger, E. G. Apes and monkeys. London: 1936.
- 504.47 Wilson, M. Just monkeys. London: Country Life, 1937.
- 504.48 Rode, P. Les primates de l'Afrique. (The primates of Africa.) Librairie Larose, Paris, 1937, 4, 222 pp.
- 504.49 Frechkop, S. Mammifères. Exploration du Parc National Albert, mission G. F. DeWitte (1933-1935.) (Mammals. Exploration of the Albert National Park, mission of G. F. DeWitte (1933-1935.) Institute of the National Parks of the Belgium Congo, Bruxelles, 1938.
- 504.50 Monard, A. Resultats de la mission scientifique du Dr. Monard en Guinée Portugaise, 1937-1938, I Primates. (Results of the scientific mission of Dr. Monard in Portuguese Guinea, 1937-1938, I. Primates.) Arq. Mus. Bocage, 1938, 9, 121-149.
- 504.51 Hartman, C. G. The use of the monkey and ape in the studies of human biology, with special reference to primate affinities. Amer. Nat., 1939, 73, 139-155.
- 504.52 Newman, B. M. Dates chimpanzees. Scientific American, 1939, 160, 71-73.
- 504.53 Cheverlange, E. The man-like apes of jungle and mountain. Nat. geographic Magazine, 1940, 78, 221-228.
- 504.54 Mathis, M. Les Anthropoides. (The anthropoids.) Presse Med., 1940, 48, 287-288.
- 504.55 Ruch, T. C. Bibliographia primatologica. A classified bibliography of primates other than man. Springfield, Ill., C. C. Thomas, 1941, 241 pp.
- 504.56 Ashley-Montague, M. F. Knowledge of ancients regarding the ape. Bull. Hist. Med., 1941, 10, 525-543.
- 504.57 Hooton, E. A. Man's poor relations. New York: Doubleday, Doran & Co., 1942, 412 pp.
- 504.58 Benchley, B. J. My friends, the apes. Boston: Little Brown, 1942.
- 504.59 Nissen, H. W. Studies of infant chimpanzees. Science, 1942, 95, 159-161.
- 504.60 Weidenreich, F. Apes, giants and man. Chicago Univ. Press, 1945, 122 pp.

- 504.61 Yerkes, R. M. Chimpanzees as servants of science. A radio talk. New York, privately printed, 1945, 3 pp.
- 504.62 Raper, A. B. The lost gorilla. Univ. Leeds Med. Soc. Mag., 1945, 15, 24-30.
- 504.63 King, W. E. Animal restaurant. Part I. Zoonooz, 1946, 19 (7), 3-5.
- 504.64 Von Eggeling, H. Mensch und Menschenaffen. (Man and anthropoid ape.) Anat. Anz., 1947, 96, 38-44.
- 504.65 Boulenger, E. G. Les singes. (The apes.) Stechert-Hafner, Inc., 1949.
- 504.66 Felce, W. Apes: An account of a personal experience in a Zoological Garden. New York: McBride, 1950.
- 504.67 Westley, W. Chimp on my shoulder. New York: Dulton, 1950.
- 504.68 Hill, W. C. O. Man's relation to the apes. Man, 1950, 50, 161-162.
- 504.69 Hediger, H. Seltene tropische Tiere und ihre Haltung in Zoologischen Gaerten Nordamerikas. (Rare tropical animals and their maintenance in the zoological gardens of North America.) Acta trop., 1952, 9, 97-124.
- 504.70 Weinert, H. Some of my best friends are chimps. Pageant Mag., Oct., 1952, Vol. 8, No. 4, 138-141.
- 504.71 Nissen, H. W. Chimpanzees. Encyclopedia Americana, 1953, 6, 515-516.
- 504.72 Dobson, J. John Hunter and the early knowledge of the anthropoid apes. Proc. zool. Soc. Lond., 1953, 123, 1-12.
- 504.73 Footon, E. A. The importance of primate studies in anthropology. Human Biol., 1954, 26, 179-188.
- 504.74 Walker, E. P. The monkey book. N. Y.: The Macmillan Co., 1954, 153 pp.
- 504.75 Voss, H. Bibliographie der Menschenaffen (Schimpanse, Orang, Gorilla). (Bibliography of the anthropoid ape, chimpanzee, orangutang, gorilla.) Jena, Gustav Fischer, 1955, 163 pp.
- 504.76 Spector, W. S. (Ed.) Handbook of biological data. Philadelphia: W. B. Saunders, 1956.
- 504.77 Mairov, F. P., & Firsov, L. A. On the dynamic stereo-type in the humanoid monkeys (chimpanzees). Zh. vyssh. nervn. Deiatel., 1956, 6, 44-52.

- 504.78 Clark, W. E. L. History of the primates. An introduction to the study of fossil man. Chgo., Univ. of Chgo. Press, 1957, 186 pp.
- 504.79 Sanderson, I. T. The monkey kingdom. Hanover House, Garden City, N. Y., 1957.
- 504.80 Scott, J. P. Animal behavior. Chicago: Univ. of Chgo. Press, 1958, 281 pp.
- 504.81 Oberjohann, H. My friend, the chimpanzee. London, R. Hale, 1958.
- 504.82 Hofer, H., Schultz, A. H., & Starck, D. Primateologia. Basel: S. Karger, 1958, 1, 1063 pp.
- 504.83 Oberjohann, H. My best friends are apes. N. Y., Dutton, 1959.
- 504.84 Anonymous. Factory monkeyshines. Life, 1960, 49, 89-90.
- 504.85 Hofer, H., Schultz, A. H., & Starck, D. Primateologia. Basel: S. Karger, 2, 1960.
- 504.86 Hofer, H., Schultz, A. H., & Starck, D. Primateologia. Basel: S. Karger, 1960, 3, 872 pp.
- 504.87 Tappen, N. C. Promising developments in primatology. S. Afr. J. Sci., 1960, 56, 57-63.
- 504.88 Anonymous. Happy end for Ham's first flight; from jungles to the lab: the astrochimps. Life, 1961, 50, 18-23.
- 504.89 Anonymous. Chuckie and his chimp. Santa Monica, Calif., Look, 1961, 25, 68.
- 504.90 Anonymous. One-chimp show at Cincinnati zoo. Newsweek, 1961, 58, 27.
- 504.91 Hofer, H., Schultz, A. H., & Starck, D. Primateologia. Basel: S. Karger, 1961, 4, 66 pp.
- 504.92 Goodman, B. D. The psychological and social problems of man in space: a literature survey. Rept. no. FN-5220, 1961, 67 pp.
- 504.93 Anonymous. Chimps may outdo man. Sci. News Letter, 1961, 80, 390.
- 504.94 Anonymous. Meditative chimpanaut. Time, 1961, 78, 5.
- 504.95 Buettner-Janusch, J. An introduction to the primates. In Buettner-Janusch, J., (Ed.), Evolutionary and genetic biology of primates, New York: Academic Press, 1963.
- 504.96 Gallant, R. A. Never smile at a chimp. Nature and Science, 1963, 1, 3-6.

- 504.97 van Bree, P. J. H. On a specimen of Pan paniscus Schwarz, 1929, which lived in the Amsterdam Zoo from 1911 till 1916. Zool. Gart., Lpz., 1963, 27, 292-295.
- 504.98 Wilber, C. G. Some contributions of exotic animals to biomedical research. Bioscience, 1964, 14, 21-24.
- 504.99 Anon. Man's place in nature. Lancet, 1964, 1, 651-652.
- 504.100 Billings, R. Ape who drives like 60. Life, 1964, 56.
- 504.101 Walker, E. P., Warnick, F., Hamlet, S. E., Lange, K. I., Davis, M. A., Uible, H. E., & Wright, P. F. Order: Primates. In Mammals of the world, Baltimore: Johns Hopkins Press, 1964.
- 504.102 Semons, E. L. Old world higher primates. Science, 1964, 144, 709-710.
- 504.103 Street, P. Animals in Captivity. London: Faber and Faber Ltd, 1965, 231 pp., pls.
- 504.104 Reynolds, V. Budongo: a forest and its chimpanzees. New York: Natural History Press, and London: Methuen, 1965.
- 504.105 Morrison-Scott, T. C. S. Pan oken, 1916 and Panthera Oken, 1816 (Mammalia): Proposed conservation under the plenary powers. Z. N. (S.) 482. Bull. Zool. Nomencl., 1965, 22, 230-232.
- 504.106 Talbot, L. M. A survey of past and present wildlife research in East Africa. E. Afr. Wildlife J., 1965, 3, 61-85.
- 504.107 Simons, E. L. The hunt for Darwin's third ape. Med. Opinion Rev., 1965, (Nov.), 74-81.
- 504.108 Anon. Bibliography of the studies on non-human primates in Japan. Ecology and sociology (up to August, 1965). Primates, 1965, 6, 451-457.
- 504.109 Anon. Species of animals bred in zoos and aquaria during 1963. Mammals. Int. Zoo Yearb., 1965, 5, 329-349.
- 504.110 Anon. Bibliography of the studies on non-human primates in Japan. 1965. Primates, 1966, 7, 493-498.
- 504.111 Morris, R. & Morris, D. Men and apes. New York: McGraw-Hill Book Co., 1966, viii, 271 pp. Abstract: Biol. Abstr., 1966, 47, #115209.
- 504.112 Butler, H. Some notes on the distribution of primates in the Sudan. Folia primat., 1966, 4, 416-423.
- 504.113 Conway, W. G. The availability and long-term supply of primates for medical research: A report on the conference held in New York. Int. Zoo. Yearb., 1966, 6, 284-288.

- 504.114 Mattingly, S. F. Major zoonoses of primates. J. Amer. vet. med.
Ass., 1966, 149, 1677-1680.
- 504.115 de Beaufort, F. & Pujol, R. Noms vernaculaires des mammifères de l'Afrique équatoriale occidentale. (Vernacular Names of the Mammals of Western Equatorial Africa.) Cah. Maboke, 1966, 4, 151-157. Abstract: Biol. Abstr., 1969, 50, #112495.
- 504.116 Fiennes, R. N. T. -W. The Zoological Society of London report of the Society's pathologist for the year 1963. J. Zool., 1966, 148, 341-362.
- 504.117 Martin, P. S. Africa and Pleistocene overkill. Nature (Lond.), 1966, 212, 339-342.
- 504.118 Buettner-Janusch, J. Origins of man: physical anthropology. New York: John Wiley & Sons, Inc., 1966.
- 504.119 Kido, R., Tanaka, T., Ukai, N. & Kumada, K. Bibliography of the studies on non-human primates in Japan. Up to 1964. Laboratory primate medicine. Primates, 1966, 7, 289-299.
- 504.120 Schultz, A. H. Der Mensch als Primat. (Man as a Primate.) Schr. Ver. Verbreit. naturwiss. Kennt. Wein, 1966, 106, 47-88.
- 504.121 Seitz, A. Nachrichten aus Zoologischen Garten-Nürnberg. (Communication for the Zoological Garden-Nürnberg). Zool. Gart. (Lpz), 1966, 32, 180-184.
- 504.122 Napier, J. R. & Napier, P. H. A handbook of living primates. London: Academic Press, 1967, xiv, 456 pp, 2 f.
- 504.123 Washburn, S. L. Perspectives and prospects. Amer. J. phys. Anthropol., 1967, n. s. 27, 367-373.
- 504.124 Grzimek, B. Apes travel from Europe to Africa. Afr. wild Life, 1966, 20, 271-288. Abstract: Biol. Abstr., 1967, 48, #115301.
- 504.125 Whitney, R. A., Johnson, D. J. & Cole, W. C. The subhuman primate: A guide for the veterinarian. Edgewood Arsenal Special Publication No. EASP 100-26, Edgewood Arsenal, Maryland, 1967, 109 pp. (Dept. of Commerce Clearinghouse No. AD657 570.)
- 504.126 Anon. Species of wild animals bred in captivity during 1965-- Primates. Int. Zoo Yearb., 1967, 7, 302-307.
- 504.127 van Lawick-Goodall, J. My friends the wild chimpanzees, Washington, D. C., National Geographic Society, 1967, 204 pp.
- 504.128 Day, M. H. Olduvai hominid 10: A multivariate analysis. Nature (Lond.), 1967, 215, 323-334.

- 504.129 Kock, D. Die Verbreitung des Schimpansen, Pan troglodytes schweinfurthii (Giglioli, 1872) im Sudan. (The Distribution of the Chimpanzee, Pan troglodytes schweinfurthii (Giglioli, 1872) in the Sudan.) Z. Saugetierk., 1967, 32, 250-255.
- 504.130 Leader, R. W. The kinship of animal and human diseases. Sci. Amer. 1967, 216(1), 110-116.
- 504.131 Reynolds, V. The apes. The gorilla, chimpanzee, orangutan, and gibbon -- Their history and their world. New York, E. P. Dutton & Company, Inc., 1967, 296 pp., 64 pls.
- 504.132 Sabater Pi, & Jones, C. Notes on the distribution and ecology of the higher primates of Ris Muni, West Africa. Tulane Stud. Zool., 1967, 14, 101-109.
- 504.133 Wickler, W. "Erfindungen" und die Entstehung von Traditionen bei Affen. ("Inventions" and the Origin of Traditions in Apes) Umschau, 1967, 22, 725-730.
- 504.134 Anon. El gorilla albino en el zoo. (The Albino Gorilla in the Zoo.) Zoo (Barcelona), 1967, 7, 20-21.
- 504.135 Ullrich, W. Affen ernst genommen. (Apes Taken Seriously.) Leipzig, Neumann Verlag, 1968, 251 pp.
- 504.136 AAZPA Subcommittee on Endangered Species, 1968 animal census. Wheeling, W. Va., American Association of zoological parks and Aquariums, 1968, 33 pp.
- 504.137 Mohr, E. Studbooks for wild animals in captivity. Int. Zoo Yearb., 1968, 8, 159-168.
- 504.138 Fiennes, R. N. T.-W. The Zoological Society of London. Report of the Society's pathologist for the year 1965. J. Zool., 1968, 154, 173-191.
- 504.139 Fiennes, R. N. T.-W. Wild Life. I.--The natural history of zoonoses. Vet. Rec., 1968, 82, 298-305.
- 504.140 Rowell, T. E. Primates as a natural resource: The possibility for multiple land use. IUCN. Bull., 1968, 2(6), 46. Also: E. Afr. agric. for. J., 1968, 33, 279-280. Abstract: Biol. Abstr., 1969, 50, #45627.
- 504.141 Hill, W. C. O. The discovery of the chimpanzee. In G. H. Bourne (Ed.) The Chimpanzee, 1969, 1-21. Baltimore: University Park Press,
- 504.142 Kortlandt, A. Schimpansen. (Chimpanzees) Grzimeks Tierleben. Enzyklopädie des Tierreiches, (Grzimek's Animal Life. Encyclopedia of the Animal Kingdom,) Munich, Kindler Verlag, 1968, Ch. 1, Vol. II.

- 504.143 Anon. Census of rare animals in captivity. Int. Zoo Yearb., 1968, 8, 349-373.
- 504.144 Anon. Rare animal studbooks. Int. Zoo Yearb., 1968, 8, 382-383.
- 504.145 Tappen, N. C. Primate skull collections in some European museums. Curr. Anthropol., 1969, 10, 62.
- 504.146 Tattersall, I. M. & Simons, E. L. Notes on some little-known primate fossils from India. Folia primat., 1969, 10, 146-153.
- 504.147 Anon. Census of rare animals in captivity. Int. Zoo Yearb., 1969, 9, 274-297.
- 504.148 Anon. Species of wild animals bred in captivity during 1967. Int. Zoo Yearb., 1969, 9, 215-244.
- 504.149 Wegeforth, H. M. & Morgan, N. It began with a roar, rev. ed. San Diego, Zoological Society of San Diego, 1969, 196 pp., 33 pls.
- 504.150 Anon. Bibliography of the studies of non-human primates in Japan 1968. Primates, 1969, 10, 303-307.
- 504.151 Courtois, G. & Mortelmans, J. Apes. Primates in Med., 1969, 2, 75-86.
- 504.152 Rohles, F. H., Jr. The impact of Robert Yerkes on chimpanzee research. Pp. 11-15 in Proceedings of the second international congress of primatology, vol. 1, C. R. Carpenter, Ed. Basel, S. Karger, 1969.
- 504.153 Carmichael, L. The past, present and future of primatology. Pp. 1-10 in Proceedings of the second international congress of primatology, vol. 1, C. R. Carpenter, Ed. Basel, S. Karger, 1969.
- 504.154 Roth, W. T. Primate supply today. Pp. 206-210 in Proceedings of the second international congress of primatology, vol. 2, H.O. Hofer, Ed. Basel, S. Karger, 1969.
- 504.155 Fisher, J., Simon, N. & Vincent, J. Wildlife in danger, New York, Viking Press, 1969, 368 pp.
- 504.156 Leakey, L. S. B. The wild realm: Animals of East Africa. Washington, D. C., National Geographic Society, 1969, 199 pp. Abstract: Biol. Abstr., 1970, 51, #26.
- 504.157 Institute of Laboratory Animal Resources. Summary of questionnaire to determine number of animals used for research in 1969. ILAR News, 1970, 14(1), i-viii.
- 504.158 Anon. Species of wild animals bred in captivity during 1968--Mammals. Int. Zoo Yearb., 1970, 10, 249-280.

- 504.159 Anon. Studbooks for rare species of wild animals in captivity. Int. Zoo Yearb., 1969, 9, 307-310.
- 504.160 Newman, R. W. Why man is such a sweaty and thirsty naked animal: A speculative review. Hum. Biol., 1970, 42, 12-27.
- 504.161 Goodwin, W. J. Species of nonhuman primates in the Regional Primate Research Centers in the United States. Lab. Primate Newslett., 1970, 9(4), 11-15.
- 504.162 Anon. Substitutes for primates. Oryx, 1970, 10, 350-351.
- 504.163 Bourne, G. H., Ed. The chimpanzee: Physiology, behavior, serology, and diseases of chimpanzees, vol. 2. Baltimore, Maryland, University Park Press, 1970, x, 417 pp.
- 504.164 Kingdon, J. East African mammals. An atlas of evolution in Africa, vol. 1, London, Academic Press, 1971, x, 446 pp.
- 504.165 Schrier, A. M. & Stollnitz, F., Eds. Behavior of nonhuman Primates. Modern research trends, vol. 4. New York, Academic Press, 1971.
- 504.166 Thorington, R. W., Jr. Survey of nonhuman primates being maintained on January 1, 1971. ILAR News, 1971, 15(1), 7.
- 504.167 Bourne, G. H. The ape people. New York, G. P. Putnam's Sons, 1971, 364 pp.
- 504.168 Bourne, G. H., Ed. The chimpanzee: Behavior, growth and pathology of chimpanzees, vol. 4. Baltimore, Maryland, University Park Press, 1971, viii, 407 pp.
- 504.169 Institute of Laboratory Animal Resources. Annual survey of animals used for research purposes during calendar year 1970. I. Summary of questionnaire to determine number of animals used for research in 1970. ILAR News, 1972, 15(2), i-vii.
- 504.170 Institute of Laboratory Animal Resources. Annual survey of animals used for research purposes during calendar year 1970. II. Animals used in gerontological research in 1970. ILAR News, 1972, 15(2), viii-ix.

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